Table 1
Field Events Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Field Event	Locations	Start Date	End Date
Site Inspection (walkthrough with NYSDEC project manager)	All areas of the site	3/20/2012	3/20/2012
Soil Vapor Screening Program - Markout of sample locations	AOC 1: DG-1 to -4, DG-5N, DG-6 to -18 AOC 2: SEW-1 to SEW-13 AOC 3: SW-1 to SW-5, SW-7 and SW-8 AOC 6: PS-1 to PS-8 (Soil vapor screening locations are shown on Figures 3A and 3B)	4/20/2012	4/20/2012
Soil Vapor Screening Program - Drilling of floor slab at sampling points and sample collection activities		6/26/2012	6/29/2012
Test Boring Installations	DG-TB-1, -2, -3B, -4B, -5A; SEW-TB-1; SW-TB-1, -2, -3, -4; 5A-TB-1, 5B-TB-1, -2; 7-TB-1, -2; Other-TB-1; PS-TB-1, -2 (Test boring locations are shown on Figure 4)	11/7/2012	11/9/2012
Indoor Air, Sub-Slab Vapor, and Outdoor Ambient Air Sampling	SVIA-AMB; SVIA-1 to SVIA-16	4/4/2013	4/4/2013
Monitoring Well and Boring Installation	SPW-TB2; AOC11-TB1, -TB2, -TB3; AMSF-MW-20 to AMSF-MW-31	4/17/2013	5/16/2013
Downgradient Boundary Soil Vapor Probe Installation	SV-1 to SV-4	5/16/2014	5/17/2013
Monitoring Well Development	AMSF-MW-20 to AMSF-MW-31	5/29/2013	6/3/2013
Water Level Measurement	AMSF-MW-1D, -1S, -3D, -3S, -4, -5D, -7, -8S, -8D, -9S, -12S, -13S, -15I, -16I; AMSF-MW-20 to AMSF-MW-31; RW-1 to RW-5	6/17/2013	6/17/2013
Groundwater Sampling	AMSF-MW-1S, -3S, -4, -9S, -10; AMSF-MW-20 to AMSF-MW-23 and AMSF-MW-25 to AMSF-MW-31	6/18/2013	6/21/2013
Well development wastewater sampling	Frac tank	6/21/2013	6/21/2013
Downgradient Boundary Soil Vapor Sampling	AOC10-SV-1 and AOC10-SV-4	6/21/2013	6/21/2013
Water Level Measurement	AMSF-MW-1D, -1S, -3D, -3S, -4, -5D, -7, -8S, -8D, -9S, -12S, -13S, -15I, -16I and AMSF-MW-20 to AMSF-MW-31; RW-1 to RW-5	9/24/2013	9/24/2013
Groundwater Sampling	AMSF-MW-1S, -3S, -4, -7, -9S, -10; AMSF-MW-20 to AMSF-MW-23 and AMSF-MW-25 to AMSF-MW-31	9/25/2013	9/27/2013
Downgradient Boundary Soil Vapor Sampling	AOC10-SV-2 and AOC10-SV-3	9/27/2013	9/27/2013
OU-1 Soil Vapor Intrusion Assessment Sampling	AMSF-05, -06, -07, 08/22, and -24	12/5/2013	12/6/2013
Stormwater Sewer Video Survey	RW-2, RW-3, and Door #14 Catch Basin	4/18/2014	4/18/2014
OU-1 Test Boring and Monitoring Well Installation	AMSF-MW-32 and AMSF-MW-33	4/7/2014	4/11/2014
OU-1 Monitoring Well Development	AMSF-MW-32 and AMSF-MW-33	4/24/2014	4/24/2014
Well development wastewater sampling	Frac tank #2	4/24/2014	4/24/2014
Well development wastewater discharge	Frac tank #2	5/6/2014	5/6/2014
Water Level Measurement	AMSF-MW-1D, -1S, -3D, -3S, -4, -5D, -7, -8S, -8D, -9S, -12S, -13S, -15I, -16I and AMSF-MW-20 to AMSF-MW-33; RW-2 to RW-5	5/12/2014	5/12/2014
Groundwater and Wastewater Sampling	AMSF-MW-7, -9S, -13S, -16I, -23 and AMSF-MW-31 through AMSF-MW-33 and Wastewater drums	5/12/2014	5/13/2014
Investigation Derived Waste (IDW) Wastewater Discharge and Drum Pickup	Various locations	8/12/2014	8/12/2014
Supplemental Monitoring Well Installation	AMSF-MW-34	5/26/2015	5/27/2015
Sampling of drum of IDW soil	AMSF-MW-34	5/27/2015	5/27/2015
Well development and wastewater sampling	AMSF-MW-34	5/28/2015	5/28/2015
Well development wastewater discharge	AMSF-MW-34 wastewater containers	6/25/2015	6/25/2015
Water Level Measurement	AMSF and ITT Site Wells	6/25/2015	6/25/2015
Groundwater Sampling	AMSF-MW-1S, -7, -9S, -13S, -16I, -20 through -23, -26, -29 and AMSF-MW-31 through AMSF-MW-34	6/26/2015	6/30/2015

Table 1
Field Events Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Field Event	Locations	Start Date	End Date
Recharge well cleanout activities including sampling of collected water and sediment for waste characterization	Recharge wells RW-2 and RW-3	8/14/2015	8/14/2015
Water Level Measurement	AMSF and ITT Site Wells	8/17/2015	8/17/2015
Groundwater Sampling	AMSF-MW-1S, -7, -9S, -13S, -16I, -20 through -23, -26, -29, -31 through AMSF-MW-34 and recharge wells RW-2 and RW-3	8/18/2015	8/20/2015
Sampling of RW-3 wastewater for petroleum fingerprinting	RW-3 wastewater tote	8/20/2015	8/20/2015
Stormwater and Sanitary Sewer Video Survey	Storm sewer line for column E-7 roof drain, storm sewer line between recharge well RW-2 and Door #14 catch basin, and sanitary sewer line for discharge from drain at west end of former trench drain in AOC 6	10/8/2015	10/8/2015
Wastewater Sampling	Drums of purge water from 2015 sampling events	10/27/2015	10/27/2015
IDW Wastewater Discharge and Drum Pickup	Various locations	11/10/2015	11/10/2015

Table 2
Summary of Variances from RI Work Plan
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Variance Description	Location(s)	Rationale
Scope specified in the RIWP expanded to address findings of March 20, 2012 site inspection and subsequent review of architectural and engineering plans and drawings.	Refer to Section 3.1 of the report text	Refer to Section 3.1 of the report text
Soil vapor screening along the alignment of the former AOC 2 drainage swale adjacent to 1994 soil removal area "B" not performed;	AOC 2: Soil vapor screening location SW-6, test boring SW-TB-4, monitoring well AMSF MW-24	Soil vapor screening was attempted at two locations in this area, but in both cases the holes drilled for vapor sampling filled with water very rapidly after they were drilled. One of the test borings intended for AOC 2 was therefore installed at this location to allow for soil sampling in the absence of soil vapor data. Overburden well AMSF-MW-24 installed to determine whether groundwater occurred in the overburden.
Soil sampling adjacent to 1994 Soil Removal Area B performed		Added to further characterize the potential presence of residual contamination at depths below the bottom of the 1994 excavation, and to assess the potential presence of groundwater in the overburden.
Supplemental shallow bedrock monitoring well added in AOC 2	AMSF-MW-23	Added to provide additional information on hydraulic gradients and contaminant distrubution in groundwater in area between OU-1 and Former Degreaser Area
Second test boring specified for AOC 3 moved to a location approximately 15 feet north of the sewer line, further from the sewer than intended.	AOC3 - Test boring for monitoring well AMSF-MW-21	Drilling acess in the intended area was not feasible. Indirect evidence of soil conditions at the intended location is provided by groundwater quality data from monitoring well AMSF-MW-21.
Analysis of selected metals added to groundwater samples from AOC 1 wells AMSF-MW-20 and-21	AMSF-MW-20 and-21	Added to evaluate whether the former spot welder wastewater sump was a potential source of contamination
Six supplemental sub-slab-vapor and indoor air sample locations added, proposed locations for original 10 adjusted; permanent sub-slab vapor sampling implants installed in place of temporary holes that would have been plugged after use	AM-SVIA-1 through -16	Additional sample locations provide thorough coverage of site areas not previously sampled and provide a means by which previous results can be correlated with current conditions
Downgradient Boundary Soil Vapor Samples collected on two different dates	Eastern Property Line (locations SV-2 and SV-3)	Water was present in the SV sampling implant tubing for SV-2 and SV-3 during the June 2013 sampling event, and therefore these locations were sampled during the September 2013 event.
Photo-Ionization detector with 10.6 electron volt (eV) lamp used for field screening activities (rather than a 10.2 eV PID)	All locations where field screening and/or ambient-air monitoring with a PID was performed	PID units with 10.2 eV lamp are not as readily available as 10.6 eV units, and 10.6 eV lamp equipment provided essentially equivalent data which was adequate to the purposes of the the RI. (Note: as specified in the RIWP, field screening with a second PID equipped with an 11.7 eV lamp was also performed at all locations.)
Additional scope contained in Work Plan for Operable Unit 1	OU1-TB-1 /AMSF-MW-32 and OU1-TB-2/AMSF-MW-31	Refer to Section 2.5.13 of report text for explanation
OU-1 SVI assesment sample location AMSF-04 not sampled, sampling performed at new nearby location AMSF-24	AMSF-04 in OU-1	Previous AMSF-04 location no longer accessible because of recent renovation of space for new tenant.
OU-1 SVI assesment sample analysis parameter list did not include all TCL VOCs	AMSF-05, -06, -07, -22, and -24	Laboratory limitations prevented analysis/reporting of ommitted compounds; no critical COCs ommitted
Apparent leak of ambient air into two SVI assessment sample canisters.	OU-2 samples SVIA4-SSV and SVIA6-SSV	Refer to Section 3.6.2 of report text for explanation
Supplemental RI work scope specified in March 27, 2015 Supplemental RI Work Plan and May 27, 2015 letter accepting NYSDEC comments on supplemental scope	AMSF-MW-34; cleanout of recharge wells RW-2 and RW-3; two rounds of groundwater monitoring at selected on- and off-site wells; additional characterization of previously-surveyed storm sewer lines	Added to address NYSDEC comments on October 2014 draft RI report; included supplemental analysis of 1,4-Dioxane by SVOC method 8270 SIM
Supplemental video survey and electronic tracing of discharge pipe for trench drain	North wall of EverDry Waterproofing's shop space	Added to confirm that the discharge for the former trench drain located in AOCs 6, 7 and 8 was connected to the sanitary sewer
Removal of blockage in recharge well RW-2 attempted but not successful. Collection of groundwater sample from deep section of RW-2 not performed (not possible).	RW-2	Refer to Section 3.13 of report text for explanation

Table 3
Soil Vapor Screening Sample Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location	Sample ID	Sample Date	TCL VOCs by EPA Method 8260
DG-1	AM-SV-DG1-A	6/27/2012	X
DG-2	AM-SV-DG2-A	6/27/2012	X
DG-3	AM-SV-DG3-A	6/27/2012	X
DG-4	AM-SV-DG4-A	6/27/2012	X
DG-5N	AM-SV-DG5N-A	6/28/2012	X
DG-6	AM-SV-DG6-A	6/28/2012	X
DG-7	AM-SV-DG7-A	6/28/2012	X
DG-8	AM-SV-DG8-A	6/28/2012	X
DG-9	AM-SV-DG9-A	6/28/2012	X
DG-10	AM-SV-DG10-A	6/28/2012	X
	AM-SV-DGDUP-A	6/28/2012	D
DG-11	AM-SV-DG11-A	6/28/2012	X
DG-12	AM-SV-DG12-A	6/28/2012	X
DG-13	AM-SV-DG13-A	6/28/2012	X
DG-14	AM-SV-DG14-A	6/28/2012	X
DG-15	AM-SV-DG15-A	6/28/2012	X
DG-16	AM-SV-DG16-A	6/28/2012	X
DG-17	AM-SV-DG17-A	6/28/2012	X
DG-18	AM-SV-DG18-A	6/28/2012	X
PS-1	AM-SV-PS1-A	6/28/2012	X
PS-2	AM-SV-PS2-A	6/28/2012	X
PS-3	AM-SV-PS3-A	6/28/2012	X
PS-4	AM-SV-PS4-A	6/28/2012	X
PS-5	AM-SV-PS5-A	6/28/2012	X
PS-6	AM-SV-PS6-A	6/28/2012	X
PS-7	AM-SV-PS7-A	6/28/2012	X
PS-8	AM-SV-PS8-A	6/28/2012	X
	AM-PS-PSDUP-A	6/28/2012	D
SEW-1	AM-SV-SEW1-A	6/27/2012	X
SEW-2	AM-SV-SEW2-A	6/27/2012	X
SEW-3	AM-SV-SEW3-A	6/27/2012	X
SEW-4	AM-SV-SEW4-A	6/27/2012	X
SEW-5	AM-SV-SEW5-A	6/27/2012	X
SEW-6	AM-SV-SEW6-A	6/27/2012	X
SEW-7	AM-SV-SEW7-A	6/27/2012	X
SEW-8	AM-SV-SEW8-A	6/27/2012	X
SEW-9	AM-SV-SEW9-A	6/27/2012	X
SEW-10	AM-SV-SEW10-A	6/27/2012	X
SEW-11	AM-SV-SEW11-A	6/27/2012	X
SEW-12	AM-SV-SEW12-A	6/27/2012	X
SEW-13	AM-SV-SEW13-A	6/27/2012	X
SW-1	AM-SV-SW1-A	6/28/2012	X
	AM-SV-SWDUP-A	6/28/2012	D
SW-2	AM-SV-SW2-A	6/29/2012	X
SW-3	AM-SV-SW3-A	6/27/2012	X
SW-4	AM-SV-SW4-A	6/27/2012	X
SW-5	AM-SV-SW5-A	6/28/2012	X
SW-7	AM-SV-SW7-A	6/28/2012	X
SW-8	AM-SV-SW8-A	6/28/2012	X

Notes:

AOC	Area of Concern
D	Field duplicate sample
DG	Former Degreaser Area (AOC 1)
EPA	United States Environmental Protection Agency
PS	Paint Shop (AOC 6)
SEW	East Side Sanitary Sewer (AOC 3)
SW	Former Drainage Swale (AOC 2)
TCL	EPA's Target Compound List
VOCs	Volatile Organic Compounds

Table 4A
Summary of Soil Sample Field Screening Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 1 - Former Degreaser Area								
DG-TB-1 (November 2012)	1.7	0.5	1.4	4.6	0.0	0.0	0.8	
	2.5	0.5		9.9	0.0		2.6	
	3.5	0.5	1.3		0.0	0.0		
	3.9	0.5	10.0	9.1	0.0	0.7	2.7	
	5.5	0.5	2.6	10.8	0.0	0.2	3.8	DG-TB-1-1 at 5.5'
	6.0	0.5	2.6		0.0	0.2		
	6.5	0.5	2.0		0.0	0.7		
	7.0	0.5	6.5	10.7	0.0	1.2	3.2	
	7.5	0.5	15.4	15.3	0.0	1.2	6.3	DG-TB-1-2 at 7.5'
	8.0	0.6	5.3		0.0	2.8		
	10.0	0.5	2.1	6.4	0.0	0.7	2.4	
	10.3	0.6	3.0		0.0	0.2		
DG-TB-2 (November 2012)	1.0	0.7	0.0	1.4	0.5	0.0	1.6	
	2.5	0.7	0.0	2.6	0.5	0.0	2.0	DG-TB-2-1 at 2.5'
	4.0	0.7	0.0	0.8	0.5	0.0	0.8	
	5.5	0.7	0.0	1.2	0.5	0.0	1.2	
	7.0	0.7	0.0	1.9	0.5	0.0	1.6	
	8.5	0.8	0.0	1.9	0.6	0.0	1.8	DG-TB-2-2 at 8.5'
	9.8	0.8	0.0	1.2	0.6	0.0	1.2	
DG-TB-3B (November 2012)	1.5	0.4	0.9	1.4	0.0	0.0	0.0	
	3.0	0.6	0.0	0.9	0.0	0.0	0.0	
	4.5	0.4	0.0	0.0	0.0	0.0	0.0	
	6.5	0.4	0.0	0.9	0.0	0.0	0.0	
	8.0	0.4	0.0	0.6	0.0	0.0	0.0	DG-TB-3B at 10.2'
	10.2	0.4	0.0	1.7	0.0	0.0	0.3	DUP-1 at 10.2'
DG-TB-4A (November 2012)	1.5	0.6	0.0	1.9	0.0	0.0	0.0	
	3.0	0.6	0.0	5.6	0.0	0.0	1.6	
	10.0	0.6	0.0	29.4	0.0	0.0	8.6	
	12.0	1.3	2.7		0.0	0.2		
DG-TB-4B (November 2012)	1.0	0.5	2.0	3.5	0.0	0.1	0.2	
	3.0	0.5	0.0	1.7	0.0	0.0	9.0	
	6.0	0.5	0.0	5.3	0.0	0.0	1.1	
	8.0	0.5	0.0	11.6	0.0	0.0	10.6	
	8.8	0.5	42.0	57.2	0.0	9.3	21.8	DG-TB-4B-1 at 8.8'
	10.0	0.7	88.0	226.4	0.0	4.0	324.9	DG-TB-4B-2 at 10'
DG-TB-5A (November 2012)	1.0	1.5	0.0	0.0	0.0	0.0	0.0	
	2.0	1.5	0.0	1.8	0.0	0.0	0.1	
	3.0	1.5	0.0	0.0	0.0	0.0	0.0	
	4.0	1.5	0.0	0.0	0.0	0.0	0.0	
	5.0	1.2	1.4	0.0	0.0	0.0	0.0	
	6.0	1.2	0.0	0.0	0.0	0.0	0.0	
	7.0	1.2	0.0	0.0	0.0	0.0	0.0	
	8.0	1.2	0.0	3.0	0.0	0.0	0.0	DG-TB-5A at 8.0'
	8.5	0.9	1.3		0.0	0.0		
	9.0	0.9	1.5	1.6	0.0	0.0	0.0	
	10.0	0.9	0.0	0.0	0.0	0.0	0.0	

Table 4A
Summary of Soil Sample Field Screening Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AMSF-MW-20 (April/May 2013)	1.0	0.6	0.0	6.3	0.7	0.0	11.9	
	1.7	0.6	2.0	10.5	0.7	1.3	5.6	
	3.0	0.6	1.6		0.8	0.0		
	3.2	0.6	1.0	8.1	0.8	2.4	32.0	
	4.0	0.6	0.0	4.1	0.8	0.0	5.8	
	5.0	1.0	0.0	8.9	0.7	0.0	9.9	
	5.9	1.0	1.5	15.7	0.7	2.2	22.7	
	6.0	1.0	0.0		0.7	0.0		
	6.9	1.0	2.0	16.7	0.0	3.2	98.3	MW-20-S-1 at 6.9-7'
	8.0	1.0	0.0	30.6	0.7	0.0	33.6	
	8.2	1.0	2.3	43.3	0.7	14.5	43.1	
	10.0	1.0	1.7	76.7	0.7	4.2	59.0	
	10.3	1.0	0.0	69.7	0.7	0.0	53.6	MW-20-S-2 at 10-10.3'
AMSF-MW-21 (April/May 2013)	1.0	0.9	0.0	20.2	0.6	0.0	222.0	
	2.5	0.6	0.0	18.4	1.0	0.0	263.8	MW-21-S-1 at 2.5'
	4.0	0.9	0.0	0.9	1.0	0.0	33.7	
	4.7	0.4	0.0	0.0	1.3	4.4	5.6	
	5.8	0.4	0.0		1.3	4.7		
	6.3	0.6	0.0	0.7	1.8	0.0	14.8	
AMSF-MW-22 (April/May 2013)	1.0	1.0	0.0	1.2	1.2	0.0	52.5	
	3.0	1.2	0.0	1.2	1.1	0.0	5.4	
	4.0	1.3	0.0	2.5	1.4	0.0	1.7	
	5.5	1.4	0.0	1.7	1.5	0.0	2..8	
	6.0	1.2	0.0	1.8	1.3	0.0	2.8	
	7.0	1.5	0.0	1.9	1.5	0.0	151.0	MW-22-S-1 at 7.0'
	8.0	1.3	1.3	2.9	1.4	1.5	45.7	

Table 4A
Summary of Soil Sample Field Screening Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 2 - Former Drainage Swale								
SW-TB-1 (November 2012)	1.0	0.3	1.2	5.5	0.1	4.2	3.3	
	1.4	0.7	1.1		0.9	1.8		
	2.0	0.3	0.0	5.0	0.1	0.0	2.5	
	3.0	0.3	0.0	2.8	0.1	0.0	1.9	
	3.5	0.3	0.0	4.3	0.1	0.0	2.4	
	4.0	0.5	0.0	3.1	0.2	0.0	1.3	
	5.0	0.3	0.0	4.5	0.0	0.0	3.7	
	5.5	0.3	0.0	4.9	0.0	0.0	2.4	SW-TB-1-1 at 5.5'
	8.0	0.3	0.0	18.4	0.0	0.0	4.5	SW-TB-1-2 at 8'
	9.0	0.3	0.0	7.8	0.0	0.0	4.0	
	10.0	0.3	0.0	3.0	0.0	0.0	1.8	
SW-TB-2 (November 2012)	0.5	1.1	2.8		0.9	2.5		
	1.0	1.3	0.0	1.0	1.1	0.0	1.1	
	3.0	1.3	0.0	1.0	1.1	0.0	1.0	
	3.2	1.1	1.3		0.9	1.1		
	4.0	1.3	0.0	1.4	1.1	0.0	1.0	SW-TB-2 at 4 - 5.5'
	5.0	1.3	0.0	1.3	1.1	0.0	1.0	DUP-2 at 4 - 5.5'
	5.7	1.3	0.0	1.4	1.1	0.0	1.1	
	9.0	1.4	0.0	1.4	0.9	0.0	1.1	
	9.8	1.4	0.0	1.3	0.9	0.0	1.0	
	11.6	1.4	0.0	1.8	0.9	0.0	1.9	
SW-TB-3 (November 2012)	0.8	2.7	6.5		1.6	2.3		
	1.0	2.2	0.0	2.4	1.0	0.0	1.1	
	1.5	2.7	3.1		1.0	0.8		
	2.5	2.2	0.0	2.2	1.0	0.0	0.8	
	3.6	2.2	0.0	2.3	1.0	0.0	1.1	
	5.0	2.2	0.0	1.3	1.0	0.0	0.8	SW-TB-3-2 at 4.5'
	6.0	2.2	0.0	1.9	1.0	0.0	0.8	
	7.2	2.2	0.0	1.9	1.0	0.0	0.9	
	8.0	2.2	0.0	2.0	1.0	0.0	0.8	
	9.0	1.7	0.0	1.8	0.6	0.0	0.7	
	11.8	1.7	0.0	8.2	0.6	0.0	5.7	SW-TB-3-1 at 11.8'
SW-TB-4 (November 2012)	2.0	0.0	0.0	13.4	0.0	0.0	7.5	
	3.1	0.0	1.1	390.2	0.0	0.0	241.5	SW-TB-4 at 3.1'
	3.8	0.0	0.0	110.6	0.0	0.0	183.8	
	4.0	0.0	0.2		0.0	0.0		
	5.8	0.0	0.1		0.0	0.0		
	6.0	0.0	0.0	11.6	0.0	0.0	33.9	
	6.5	0.0	0.1		0.0	0.1		
	7.0	0.0	0.0	7.3	0.0	0.0	4.9	
AMSF-MW-23 (April/May 2013)	2.0	0.7	0.8	1.4	0.3	0.0	0.4	
	2.5	1.1	0.0	1.6	0.4	0.0	27.0	MW-23-S-1 at 2.5'
	3.6	1.1	0.0	1.4	0.6	0.0	0.7	
	4.2	0.8	0.0	0.6	0.4	0.0	8.3	
	5.1	0.8	0.0		0.4	0.0		
	6.5	0.8	0.0	1.4	0.4	0.0	1.2	
	8.0	0.8	0.0	1.9	0.4	0.0	2.0	
	10.0	0.8	0.0	1.6	0.4	0.0	1.5	

Table 4A
Summary of Soil Sample Field Screening Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 3 - East Side Sanitary Sewer								
SEW-TB-1 (November 2012)	1.0	0.2	1.1	0.7	0.3	1.2	1.1	
	3.0	0.2	0.0	0.2	0.3	0.0	0.3	
	5.0	0.2	0.4	1.0	0.3	0.8	2.2	SEW-TB-1 at 5.0'
	5.9	0.2	0.4		0.3	0.0		
	6.3	0.2	0.0	0.2	0.3	0.0	0.5	
	7.1	0.2	1.8	0.2	0.3	1.1	0.4	
AOC 4 - Former Press Pit								
AMSF-MW-25 (April/May 2013)	2.0	1.6	0.0	0.0	0.7	1.2	0.9	
	2.2	1.9	0.0	2.0	1.3	0.0	1.4	
	3.0	1.7	0.0	2.2	1.3	0.0	1.2	
	4.4	1.6	0.0	1.9	1.5	0.0	1.3	
	5.5	1.6	0.0	1.9	1.5	0.0	34.5	
	6.3	1.5	0.0	3.3	1.6	0.0	16.7	
	7.0	1.6	0.0	2.1	1.5	0.0	8.5	
	7.9	1.7	0.0	3.5	1.6	0.0	5.9	MW-25-S-2 at 7.0-8.0'
	8.4	1.7	0.0	4.5	1.6	0.0	14.2	
	9.8	1.7	0.0	4.2	1.6	0.0	24.5	
	10.0	1.7	0.0	3.4	1.6	0.0	13.5	
	10.5	1.8	0.0	4.3	1.6	0.0	53.1	MW-25-S-1 at 9.5-10.5'
AOC 5 - Former Waste Storage Areas								
5A-TB-1 (November 2012)	0.8	0.1	0.0	0.2	0.1	0.0	0.0	
	1.5	0.1	0.0	0.2	0.1	0.0	0.0	
	2.3	0.1	0.0	0.1	0.1	0.0	0.0	
	3.5	0.1	0.0	0.3	0.1	0.0	0.0	
	4.5	0.1	0.0	0.2	0.1	0.0	0.0	5A-TB-1 at 4.5'
	6.0	0.1	0.0	0.4	0.1	0.0	0.0	
	8.0	0.1	0.0	0.3	0.1	0.0	0.0	
5B-TB-1 (November 2012)	1.5	0.0	0.0	0.0	0.3	0.0	0.4	
	3.2	0.0	0.0	0.0	0.3	0.0	0.5	5B-TB-1-2 at 3' - 4'
	5.0	0.0	0.0	0.0	0.3	0.0	4.7	
	6.8	0.0	0.0	0.0	0.3	0.0	25.7	5B-TB-1-1 at 6.8'
	8.0	0.0	0.0	0.0	0.3	0.0	11.4	
5B-TB-2 (November 2012)	1.0	0.3	0.0	0.8	0.3	0.0	2.6	
	2.7	0.3	0.0	0.0	0.3	0.8	0.6	
	3.9	0.3	0.0	0.5	0.3	0.6	1.6	5B-TB-2 at 3' - 4'
	4.5	0.3	0.0	0.7	0.3	0.0	0.9	
	6.2	0.3	0.0	0.6	0.3	0.0	1.5	
	7.5	0.3	0.0	0.0	0.3	0.0	0.6	
	8.0	0.0	0.0	1.3	0.4	0.0	3.6	
	9.0	0.0	0.0		0.4	0.5		

Table 4A
Summary of Soil Sample Field Screening Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 6 - Paint Shop								
PS-TB-1 (November 2012)	2.0	0.0	0.6	62.3	0.0	0.6	49.6	
	2.5	0.0	3.4		0.0	3.7		PS-TB-1-2 at 2' - 4'
	4.0	0.0	0.0	45.3	0.0	0.0	36.3	
	5.0	0.0	0.0	28.9	0.0	0.0	14.1	
	6.0	0.0	11.9	36.3	0.0	5.5	14.9	
	6.5	0.0	11.5		0.0	2.2		
	7.0	0.0	8.7	53.1	0.0	5.4	55.2	
	7.5	0.0	3.8		0.0	7.9		
	8.0	0.0	2.2	113.2	0.0	1.5	72.0	PS-TB-1-1 at 8'
	8.5	0.0	0.3		0.0	1.6		
	10.0	0.0	0.0	45.6	0.0	0.0	22.4	
	11.7	0.0	0.0	8.0	0.0	0.0	6.1	
PS-TB-2 (November 2012)	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
	1.0	0.0	0.0		0.0	0.5		
	2.5	0.0	0.0	0.0	0.0	0.0	0.3	PS-TB-2 at 2' - 4'
	4.0	0.0	0.0	0.0	0.0	0.0	0.1	
	5.0	0.0	0.0	0.0	0.0	0.0	0.2	
	7.2	0.0	0.0	0.0	0.0	0.0	0.1	
	8.0	0.0	0.0	0.2	0.0	0.0	0.2	
AMSF-MW-26 (April/May 2013)	1.5	0.1	0.7	5.7	0.4	0.8	12.3	
	1.7	0.1	0.8		0.4	0.9		
	2.7	0.4	1.1	3.4	0.6	1.2	9.7	
	4.0	2.5		6.1	1.5		34.8	
	4.5	3.4	0.0	5.8	1.6	0.0	8.9	
	6.0	3.4	4.1	4.7	1.6	2.0	2.3	
	7.0	2.9	4.0	4.9	1.5	2.0	57.1	
	8.0	2.2	0.0	2.5	1.5	0.0	162.3	MW-26-S-1 at 8-8.4'
	8.4	1.8	0.0	2.6	1.1	0.0	135.2	
	9.0	1.8	0.0	3.2	1.1	0.0	20.4	
AOC 7 - Former Plating Area								
7-TB-1 (November 2012)	1.1	0.8	0.0	0.7	0.7	0.0	0.5	
	2.5	0.8	0.0	0.5	0.7	0.0	0.4	7-TB-1-1 at 2' - 3'
	4.0	0.8	0.0	0.4	0.7	0.0	2.0	
	5.0	0.8	0.0	0.4	0.7	0.0	0.6	
	6.8	0.8	0.0	0.5	0.7	0.0	1.1	
	8.0	0.8	0.0	0.4	0.7	0.0	6.2	
	9.0	0.8	0.0	0.5	0.7	0.0	3.6	
	10.7	0.8	0.0	3.3	0.7	0.0	3.4	
	13.7	0.8	0.0	1.9	0.7	0.0	15.1	7-TB-1-2 at 13.7'
7-TB-2 (November 2012)	1.0	0.9	0.0	0.7	1.1	0.0.	0.7	
	2.0	0.9	0.0	0.4	1.1	0.0	0.5	7-TB-2 at 2' - 4'
	3.4	0.9	0.0	0.6	1.1	0.0	0.6	
	5.0	0.9	0.0	0.4	1.1	0.0	0.5	
	6.4	0.9	0.0	0.6	1.1	0.0	0.6	
	7.5	0.9	0.0	1.2	1.1	0.0	0.7	
	9.0	1.0	1.1		0.9	1.7		
	9.8	0.9	0.0	1.9	1.1	0.0	1.9	
	11.7	0.9	0.0	1.1	1.1	0.0	0.6	

Table 4A
Summary of Soil Sample Field Screening Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 8 - Former Spray Wash Area								
AMSF-MW-27 (April/May 2013)	1.5	1.1	1.4	1.8	0.6	1.0	4.3	
	2.3	0.7	1.1	2.0	0.7	0.7	16.4	
	3.1	0.7	1.1	2.9	0.7	0.9	21.4	
	4.5	0.7	0.0	3.4	0.7	0.0	7.3	
	5.3	0.7	0.0	3.4	0.7	0.0	15.1	
	6.7	0.7	0.0	3.6	0.7	0.0	4.5	
	7.7	0.7	0.0	1.8	0.7	0.0	53.6	MW-27-S-1 at 7.5-7.7'
	8.5	1.4	0.0	2.7	0.8	0.0	27.9	
	10.0	1.4	0.0	2.5	0.8	0.0	1.6	
	10.8	1.4	0.0	3.3	0.8	0.0	1.8	
SPW-TB2 (April/May 2013)	1.5	0.4	0.0	1.0	0.1	0.3	5.9	
	2.5	0.3	0.0	1.0	0.1	0.4	2.2	
	4.5	0.3	0.0	0.6	0.2	0.0	0.7	
	6.4	0.4	0.0	1.6	0.1	0.0	0.9	
	7.2	0.4	0.0	0.9	0.1	0.0	8.3	
	8.0	0.4	0.0	0.4	0.4	0.0	16.1	SPW-TB2-S-1
	11.0	0.1	0.0	0.1	0.2	0.0	2.6	
Other Areas - Area south of AMSF-3 sub-slab sample location in Former Lockwood tenant space								
Other-TB-1 (November 2012)	0.8	0.9	0.5	0.5	0.9	1.7	40.4	
	2.0	0.9	0.5	0.5	0.9	31.2	7.6	Other-TB-1-1 at 1.5' - 2.5'
	3.5	0.9	0.0	1.1	0.9	0.0	23.2	
	4.6	0.9	0.0	0.6	0.9	0.0	24.8	
	5.0	0.9	0.0	0.6	0.9	0.0	1.4	
	6.6	0.9	0.0	0.8	0.9	0.0	38.1	
	7.0	0.6	0.5		1.0	1.9		
	9.0	0.9	2.1	1.5	0.9	137	127	Other-TB-1-2 at 9'
	10.3	0.9	0.0	0.8	0.9	0.0	1.3	
	12.0	0.9	0.0	1.0	0.9	0.0		
AMSF-MW-31 (April/May 2013)	1.0	3.2	0.0	1.5	1.5	0.0	1.5	No samples collected for laboratory analysis from this boring
	2.5	3.0	0.0	1.3	1.3	0.0	1.3	
	3.3	3.0	0.0	1.2	1.3	0.0	1.2	
	4.5	3.0	0.0	1.1	1.3	0.0	1.1	
	5.6	3.0	0.0	1.2	1.2	0.0	1.2	
	6.5	3.4	0.0	1.1	1.2	0.0	1.1	
	7.5	3.4	0.0	1.1	1.2	0.0	1.1	
	8.2	2.8	0.0	3.8	1.3	0.0	3.8	
	12.0	2.0	0.0	1.1	0.6	0.0	1.1	

Table 4A
Summary of Soil Sample Field Screening Results
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12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 11 - Sitewide Conditions								
AOC11-TB1 (April/May 2013)	1.0	0.1	0.0	0.1	0.1	0.0	1.0	AOC11-TB1-SS-1 at 0.1' - 2'
	2.0	0.1	0.0	0.1	0.1	0.0	0.0	
	4.0	0.1	0.0	0.2	0.1	0.0	0.0	
	4.5	0.1	0.0	0.2	0.1	0.0	98.5	
	5.5	0.1	0.0	0.2	0.1	0.0	22.5	
	6.0	0.1	0.0	0.2	0.1	0.0	8.7	
	7.4	0.1	0.0	0.2	0.1	0.0	121.6	AOC11-TB1-S-1 at 6.5' - 7.5'
	8.0	0.1	0.0	0.3	0.1	0.0	1.4	
AOC11-TB2 (April/May 2013)	1.0	0.0	0.0	0.1	0.0	0.0	0.0	AOC11-TB2-SS-1 at 0.1' - 1'
	2.0	0.0	0.0	0.2	0.0	0.0	0.0	
	4.0	0.0	0.1	0.3	0.0	0.0	0.0	
	4.2	0.0	0.0	0.4	0.0	0.0	0.0	
	5.0	0.0	0.0	0.2	0.0	0.0	0.0	AOC11-TB2-S-1 at 4' - 5'
AOC11-TB3 (April/May 2013)	0.5	0.0	0.0	0.2	0.0	0.0	0.0	AOC11-TB3-SS-1 at 0.1' - 2'
	1.2	0.0	0.0	0.2	0.0	0.0	0.0	
	2.2	0.0	0.0	0.2	0.0	0.0	0.0	
	3.0	0.1	0.0	0.2	0.0	0.0	0.0	
	4.5	0.1	0.0	0.3	0.0	0.0	0.0	
	6.0	.0.1	0.0	0.2	0.0	0.0	0.0	
	7.7	0.1	0.0	0.2	0.0	0.0	0.0	
	8.0	0.1	0.0	0.4	0.0	0.0	0.0	
	9.5	0.1	0.0	0.2	0.0	0.0	0.0	
	10.0	0.1	0.0	0.2	0.0	0.0	0.0	
	11.5	0.1	0.0	0.1	0.0	0.0	0.0	
	12.0	0.1	0.0	0.3	0.0	0.0	0.0	AOC11-TB3-S-1 at 12' - 14'
	13.8	0.1	0.0	0.3	0.0	0.0	0.0	MW-DUP-S-1 at 12'-14'
AMSF-MW-28 (April/May 2013)	1.0	0.0	0.0	0.2	0.0	0.0	0.0	
	2.0	0.0	0.0	0.3	0.0	0.0	0.0	
	3.5	0.0	0.0	0.3	0.0	0.0	0.0	
	4.9	0.0	0.0	0.1	0.0	0.0	0.0	MW-28-S-1 at 3.5-4.9'
AMSF-MW-29 (April/May 2013)	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
	2.4	0.0	0.0	0.0	0.0	0.0	0.0	
	4.5	0.0	0.0	0.1	0.0	0.0	0.0	
	5.9	0.0	0.0	0.1	0.0	0.0	0.0	
	6.7	0.0	0.0	0.1	0.0	0.0	0.0	
	8.5	0.0	0.0	0.1	0.0	0.0	0.0	
	9.8	0.0	0.0	0.1	0.0	0.0	0.0	MW-29-S-1 at 9.8-12.8'
	10.9	0.0	0.0	0.1	0.0	0.0	0.0	
	12.7	0.0	0.0	0.1	0.0	0.0	0.0	
AMSF-MW-30 (April/May 2013)	1.0	0.1	0.0	0.6	0.0	0.0	0.0	
	2.5	0.1	0.0	0.0	0.0	0.0	0.0	MW-30-S-1 at 2.5'
	3.4	0.1	0.0	0.0	0.0	0.0	0.0	
	4.5	0.0	0.0	0.2	0.0	0.0	0.0	
	5.0	0.0	0.0	0.2	0.0	0.0	0.0	
	6.5	0.1	0.0	0.2	0.0	0.0	0.0	
	7.5	0.1	0.0	0.2	0.0	0.0	0.1	
	8.4	0.1	0.0	0.7	0.0	0.0	0.1	
	9.1	0.1	0.0	0.4	0.0	0.0	0.1	MW-30-S-2 at 9'
	10.3	0.1	0.0	0.5	0.0	0.0	0.1	
	11.6	0.1	0.0	0.7	0.0	0.0	0.0	
	12.3	0.0	0.0	0.6	0.0	0.0	0.0	
	13.0	0.0	0.0	0.6	0.0	0.0	0.0	
	14.0	0.0	0.0	0.4	0.0	0.0	0.0	

Table 4A
Summary of Soil Sample Field Screening Results
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12 Pixley Industrial Parkway, Gates, New York

		Field Screening Results Photo-Ionization Detector (PID) Readings (in parts per million, ppm)						Samples submitted for laboratory analysis
		PID Lamp energy (in electron Volts, eV)						
		10.6 eV			11.7 eV			
Test Boring	Sample depth (ft.)	Back-ground	Sample core	Head-space	Back-ground	Sample core	Head-space	
AOC 11 - Sitewide Conditions								
AMSF-MW-34 (May 2015)	0.7	0.0	0.0	0.0	0.0	0.0		No samples collected for laboratory analysis
	1.4	0.0	0.0	0.0	0.0	6.3	0.0	
	2.0	0.0	0.0		0.0	1.7		
	2.8	0.0	0.0	0.0	0.0		0.0	
	3.9	0.0	0.0	0.0			0.2	
	4.5	0.0	0.0	0.0			0.0	
	5.4	0.0	0.0	0.0			0.0	
	6.4	0.0	0.0				0.0	
	7.0	0.0	1.6					
	7.5	0.0	0.9					
	8.0	0.0	1.0					
	8.5	0.0	0.0	0.0			0.0	
	9.0	0.0	0.0					
	12.3	0.0	0.0	0.0			0.0	
	13.5	0.0	0.0	0.0			0.0	
	14.8	0.1	0.0	0.0	0.0	2.6	0.0	
	15.5	0.1	0.2	0.1		0.0	0.0	
	15.8	0.0	0.0			2.9		
	16.5	0.0	0.0	0.1	0.0	0.0	0.0	
	17.5	0.0	0.0	0.1	0.0	0.0	0.0	
	18.3	0.0	0.0	0.0	0.0	0.0	0.0	
	20.2	0.0	0.0	0.0	0.0	0.0	0.0	
OU-1								
AMSF-MW-32 (April 2014)	1.1	1.3	1.9	2.3	0.5	0.5	0.3	
	1.5	1.3	2.5	2.8	0.5	0.5	0.3	
	2.4	1.4	2.5	1.9	0.5	0.5	0.3	
	3.3	1.4	2.2	2.8	0.5	0.5	0.6	
	4.2	1.4	2.0	2.4	0.5	0.5	0.4	AMSF-OU1-TB/MW-1-4-5
	5.2	1.4	3.0	2.2	0.4	0.5	0.3	
	7.0	1.4	1.8	2.3	0.5	0.5	0.4	
AMSF-MW-33 (April 2014)	1.0	0.4	0.4	0.4	0.5	0.5	0.2	
	2.3	0.4	0.2	0.4	0.1	0.1	0.2	
	3.2	0.2	0.2	0.4	0.1	0.1	0.2	
	4.5	0.6	0.6	0.6	0.2	0.2	0.2	
	5.6	0.6	0.6	0.6	0.2	0.2	0.2	
	7.0	0.8	0.8	0.3	0.4	0.4	0.1	AMSF-OU1-TB/MW-2-7-7.8
	7.8	0.3	0.8	0.3	0.4	0.4	0.2	AMSF-OU1-DUP
	8.2	0.5	0.5	0.9	0.4	0.4	0.4	

Table 4B
Soil Sample Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location	Sample ID	Sample Date	Depth (ft bgs)	Analysis Parameters[1-5]					
				VOCs	SVOCs	PCBs	Pesticides	TAL Metals	PPL Metals & Aluminum
DG-TB-1	DG-TB-1-1	11/7/2012	5.5	X					
	DG-TB-1-2	11/7/2012	7.5	X					
DG-TB-2	DG-TB-2-1	11/8/2012	2.5	X					
	DG-TB-2-2	11/8/2012	8.5	X					
DG-TB-3B	DG-TB-3B	11/7/2012	10.2	X					
	DUP-1	11/7/2012	10.2	D					
DG-TB-4B	DG-TB-4B-1	11/7/2012	8.8	X					
	DG-TB-4B-2	11/7/2012	10.0	X					
	DG-TB-4B-2 MS	11/7/2012	10.0	MS					
	DG-TB-4B-2 MSD	11/7/2012	10.0	MSD					
DG-TB-5A	DG-TB-5A	11/7/2012	8.0	X					
SEW-TB-1	SEW-TB-1	11/8/2012	5.0	X					
SPW-TB2	SPW-TB2-S-1	5/8/2013	8 - 8.5	X	X				X
SW-TB-1	SW-TB-1-1	11/8/2012	5.5	X	X	X	X	X	
	SW-TB-1-1 MS	11/8/2012	5.5	MS	MS	MS	MS	MS	
	SW-TB-1-1 MSD	11/8/2012	5.5	MSD	MSD	MSD	MSD	MSD	
	SW-TB-1-2	11/8/2012	8.0	X					
SW-TB-2	SW-TB-2	11/8/2012	4 - 5.5	X	X	X	X	X	
	DUP-2	11/8/2012	4 - 5.5	D	D	D	D	D	
SW-TB-3	SW-TB-3-1	11/8/2012	11.8	X					
	SW-TB-3-2	11/8/2012	4.5	X	X	X	X	X	
SW-TB-4	SW-TB-4	11/7/2012	3.1	X	X	X	X	X	
5A-TB-1	5A-TB-1	11/7/2012	4.5	X	X	X			X
5B-TB-1	5B-TB-1-1	11/9/2012	6.8	X					
	5B-TB-1-2	11/9/2012	3 - 4	X	X	X			X
5B-TB-2	5B-TB-2	11/9/2012	3 - 4	X	X	X			X
7-TB-1	7-TB-1-1	11/9/2012	2 - 3	X					X
	7-TB-1-2	11/9/2012	13.7	X					
7-TB-2	7-TB-2	11/9/2012	2 - 4	X					X
Other-TB-1	Other-TB-1-1	11/9/2012	1.5 - 2.5	X	X				
	Other-TB-1-2	11/9/2012	9.0	X	X				
PS-TB-1	PS-TB-1-1	11/9/2012	8.0	X					
	PS-TB-1-2	11/9/2012	2 - 4	X	X				X
PS-TB-2	PS-TB-2	11/9/2012	2 - 4	X					
AOC11-TB1	AOC11-TB1-SS-1	5/3/2013	0.1 - 2		X	X	X	X	
	AOC11-TB1-S-1	5/3/2013	6.5 - 7.5	X	X	X	X	X	
AOC11-TB2	AOC11-TB2-SS-1	5/1/2013	0.1 - 1		X	X	X	X	
	AOC11-TB2-S-1	5/1/2013	4 - 5	X	X	X	X	X	
AOC11-TB3	AOC11-TB3-SS-1	5/3/2013	0.1 - 2		X	X	X	X	
	AOC11-TB3-S-1	5/3/2013	12 - 14	X	X	X	X	X	
	MW-DUP-S-1	5/3/2013	12 - 14	D	D	D	D	D	
AMSF-MW-20	MW-20-S-1	4/29/2013	6.9 - 7	X					
	MW-20-S-2	4/29/2013	10 -10.3	X					
AMSF-MW-21	MW-21-S-1	4/17/2013	2.5	X					
AMSF-MW-22	MW-22-S-1	4/22/2013	7.0	X					
AMSF-MW-23	MW-23-S-1	4/24/2013	2.5	X					
AMSF-MW-25	MW-25-S-1	4/23/2013	9.5 - 10.5	X	X	X			
	MW-25-S-2	4/23/2013	7.0 - 8.0	X	X	X			
AMSF-MW-26	MW-26-S-1	5/1/2013	8 - 8.4	X					X
AMSF-MW-27	MW-27-S-1	5/7/2013	7.5 - 7.7	X	X				X
AMSF-MW-28	MW-28-S-1	5/1/2013	3.5 - 4.9	X	X	X	X	X	
AMSF-MW-29	MW-29-S-1	5/16/2013	9.8 - 12.8	X	X	X	X	X	
	MW-29-S-1 MS	5/16/2013	9.8 - 12.8	MS	MS	MS	MS	MS	
	MW-29-S-1 MSD	5/16/2013	9.8 - 12.8	MSD	MSD	MSD	MSD	MSD	
AMSF-MW-30	MW-30-S-1	5/14/2013	2.5	X	X	X	X	X	
	MW-30-S-2	5/14/2013	9.0	X					
AMSF-MW-32	AMSF-OU1-TB/MW-1	4/9/2014	4.0 - 5.0	X					
AMSF-MW-33	AMSF-OU1-TB/MW-2	4/7/2014	7.0 - 7.8	X					
	AMSF-OU1-DUP	4/7/2014	7.0 - 7.8	D					
QA/QC	Trip Blank	11/7/2012	-	TB					
QA/QC	Rinsate Blank	11/8/2012	-	RB	RB	RB	RB	RB	
QA/QC	Trip Blank	11/8/2012	-	TB					
QA/QC	TB110912	11/9/2012	-	TB					
QA/QC	AMSF-EB-050813	5/8/2013	-	EB	EB		EB	EB	
QA/QC	AMSF-TB-050813	5/8/2013	-	TB					
QA/QC	AMSF-TB-051413	5/14/2013	-	TB					
QA/QC	AMSF-TRIPBLANK	4/7/2014	-	TB					
QA/QC	AMSF-RINSEBLANK	4/11/2014	-	RB					

Notes:

[1] VOC analysis by method 8260B
[2] SVOC analysis by method 8270C
[3] PCB analysis by method 8082
[4] Pesticide analysis by method 8081A
[5] Metal analysis by method 6010B/7471A

D Field duplicate sample location
EB Equipment Blank
ft bgs Feet below ground surface
MS Matrix Spike
MSD Matrix Spike Duplicate
PCBs Polychlorinated biphenyl compounds
PPL USEPA's Priority Pollutant List
RB Rinsate Blank
SVOCs TCL Semivolatile organic compounds plus up to 20 TICs
TAL USEPA's Target Analyte List
TB Trip Blank
TCL USEPA's Target Compound List
TICs Tentatively identified compounds
USEPA United States Environmental Protection Agency
VOCs TCL Volatile organic compounds plus additional NYSDEC CP-51 aromatic VOCs plus us to 10 TICs

Table 5
Indoor Air and Sub-Slab Vapor Sample Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location	Sample ID	Sample Date	Sample Type	TCL VOCs by EPA Method TO-15
SVIA-AMB	AM-SVIAAMB-OA	4/4/2013	OA	X
SVIA-1	AM-SVIA1-IA	4/4/2013	IA	X
	AM-SVIA1-SSV	4/4/2013	SSV	X
SVIA-2	AM-SVIA2-IA	4/4/2013	IA	X
	AM-SVIA2-SSV	4/4/2013	SSV	X
SVIA-3	AM-SVIA3-IA	4/4/2013	IA	X
	AM-SVIA3-SSV	4/4/2013	SSV	X
SVIA-4	AM-SVIA4-IA	4/4/2013	IA	X
	AMSVIAdup-IA	4/4/2013	IA	D
	AM-SVIA4-SSV	4/4/2013	SSV	X
	AMSVIAdup-SSV	4/4/2013	SSV	D
SVIA-5	AM-SVIA5-IA	4/4/2013	IA	X
	AM-SVIA5-SSV	4/4/2013	SSV	X
SVIA-6	AM-SVIA6-IA	4/4/2013	IA	X
	AM-SVIA6-SSV	4/4/2013	SSV	X
SVIA-7	AM-SVIA7-IA	4/4/2013	IA	X
	AM-SVIA7-SSV	4/4/2013	SSV	X
SVIA-8	AM-SVIA8-IA	4/4/2013	IA	X
	AM-SVIA8-SSV	4/4/2013	SSV	X
SVIA-9	AM-SVIA9-IA	4/4/2013	IA	X
	AM-SVIA9-SSV	4/4/2013	SSV	X
SVIA-10	AM-SVIA10-IA	4/4/2013	IA	X
	AM-SVIA10-SSV	4/4/2013	SSV	X
SVIA-11	AM-SVIA11-IA	4/4/2013	IA	X
	AM-SVIA11-SSV	4/4/2013	SSV	X
SVIA-12	AM-SVIA12-IA	4/4/2013	IA	X
	AM-SVIA12-SSV	4/4/2013	SSV	X
SVIA-13	AM-SVIA13-IA	4/4/2013	IA	X
	AM-SVIA13-SSV	4/4/2013	SSV	X
SVIA-14	AM-SVIA14-IA	4/4/2013	IA	X
	AM-SVIA14-SSV	4/4/2013	SSV	X
SVIA-15	AM-SVIA15-IA	4/4/2013	IA	X
	AM-SVIA15-SSV	4/4/2013	SSV	X
SVIA-16	AM-SVIA16-IA	4/4/2013	IA	X
	AM-SVIA16-SSV	4/4/2013	SSV	X
AMSF-05	AMSF-05-IA-120613	12/6/2013	IA	X
	AMSF-05-SS-120613	12/6/2013	SSV	X
	AMSF-05-SSD-120613	12/6/2013	SSV	X
AMSF-06	AMSF-06-IA-120613	12/6/2013	IA	X
	AMSF-06-SS-120613	12/6/2013	SSV	X
AMSF-07	AMSF-07-IA-120613	12/6/2013	IA	X
	AMSF-07-SS-120613	12/6/2013	SSV	X
AMSF-8/22	AMSF-22-IA-120613	12/6/2013	IA	X
	AMSF-22-SS-120613	12/6/2013	SSV	X
AMSF-24	AMSF-24-IA-120613	12/6/2013	IA	X
	AMSF-24-SS-120613	12/6/2013	SSV	X

Notes:

D	Field duplicate sample
EPA	U.S. Environmental Protection Agency
IA	Indoor Air
OA	Outdoor Air
SSV	Sub-Slab Vapor
TCL VOCs	EPA Target Compound List Volatile Organic Compounds

Table 6
Groundwater Sample Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Site Area	Well Location	Sample Identification	Sample Date	Sample Type	Parent Sample	Analysis Completed							
						TCL VOCs plus TICs by EPA Method 8260B	1,4-Dioxane by EPA Method 8270 SIM	TCL SVOCs plus TICs by EPA Method 8270C	TCL Pesticides by EPA Method 8081A/B	TCL PCBs by EPA Method 8082	TAL Metals by Methods 6010B/7470A	PPL Metals plus Aluminum by Methods 6010B/7470A	Cr, Cu, Pb, Ni and Zn by Methods 6010B/7470A
OU-1 - Northwest Corner	AMSF-MW-1S	AMSF-MW-1S-W-06182013	6/20/2013			X							
		AMSF-MW-1S-W-092613	9/26/2013			X							
		AMSF-MW-1S-W-062915	6/29/2015			X	X						
		AMSF-MW-1S-W-081815	8/18/2015			X	X						
AOC 11 - Sitewide Conditions	AMSF-MW-3S	AMSF-MW-3S-W-06202013	6/20/2013			X							
		AMSF-MW-3S-W-092613	9/26/2013			X							
AOC 11 - Sitewide Conditions	AMSF-MW-4	AMSF-MW-4-W-06182013	6/18/2013			X							
		AMSF-MW-4-W-092713	9/27/2013			X							
OU-1 - Northwest Corner	AMSF-MW-7	AMSF-MW-7-W-092613	9/26/2013			X							
		AMSF-MW-7-W-051214	5/12/2014			X							
		AMSF-MW-7-W-062615	6/26/2015			X	X						
		AMSF-MW-7-W-081815	8/18/2015			X	X						
AOC 11 - Sitewide Conditions	AMSF-MW-9S	AMSF-MW-9S-W-06182013	6/18/2013			X		X	X	X	X		
		AMSF-MW-9S-W-092713	9/27/2013			X							
		AMSF-MW-9S-W-051314	5/13/2014			X							
		AMSF-MW-9S-W-062915	6/29/2015	MS/MSD		X	X						
		AMSF-MW-9S-W-081815	8/18/2015	MS/MSD		X	X						
	AMSF-MW-10	AMSF-MW-10-W-06202013	6/20/2013			X							
		AMSF-MW-10-W-092613	9/26/2013			X							
OU-1 - Northwest Corner	AMSF-MW-13S	AMSF-MW-13S-W-051214	5/12/2014			X							
		AMSF-MW-13S-W-062615	6/26/2015			X	X						
		AMSF-MW-13S-W-081815	8/18/2015			X	X						
	AMSF-MW-16I	AMSF-MW-16I-W-051214	5/12/2014			X							
		AMSF-MW-16I-W-062615	6/26/2015			X	X						
		AMSF-MW-16I-W-081815	8/18/2015			X	X						
AOC 1 - Former Degreaser Area	AMSF-MW-20	AMSF-MW-20-W-06192013	6/19/2013			X							X
		AMSF-MW-20-W-092513	9/25/2013			X							
		AMSF-MW-20-W-063015	6/30/2015			X	X						
		AMSF-MW-20-W-081915	8/19/2015			X	X						
	AMSF-MW-21	AMSF-MW-21-W-06192013	6/19/2013			X							X
		AMSF-MW-21-W-092513	9/25/2013			X							
		AMSF-MW-21-W-063015	6/30/2015			X	X						
		AMSF-MW-21-W-081915	8/19/2015			X	X						
	AMSF-MW-22	AMSF-MW-22-W-06192013	6/19/2013			X							
		AMSF-MW-22-W-092513	9/25/2013			X							
		AMSF-MW22-W-063015	6/30/2015			X	X						
		AMSF-MW-22-W-081915	8/19/2015			X	X						
AOC 2 - Former Drainage Swale	AMSF-MW-23	AMSF-MW-23-W-06192013	6/19/2013			X							
		AMSF-MW-23-W-092513	9/25/2013			X							
		AMSF-MW-23-W-051314	5/13/2014			X							
		AMSF-MW23-W-063015	6/30/2015			X	X						
		AMSF-MW-23-W-081915	8/19/2015			X	X						
AOC 4 - Former Press Pit	AMSF-MW-25	AMSF-MW-25-W-06192013	6/19/2013			X		X		X			
		AMSF-MW-25-092513	9/25/2013			X							
AOC 6 - Paint Shop and AOC 7- Former Plating Area	AMSF-MW-26	AMSF-MW-26-W-06202013	6/20/2013			X						X	
		AMSF-MW-26-W-092613	9/26/2013	MS/MSD		X						X	
		AMSF-MW-DUP-W-092613	9/26/2013	D	AMSF-MW-26-W-092613	X						X	
		AMSF-MW-26-W-063015	6/30/2015			X	X						
		AMSF-MW-26-W-082015	8/20/2015			X	X						
AOC 8 - Former Spray Wash Area	AMSF-MW-27	AMSF-MW-27-W-06182013	6/18/2013			X		X				X	
		AMSF-MW-27-W-092613	9/26/2013			X						X	
AOC 11 - Sitewide Conditions	AMSF-MW-28	AMSF-MW-28-W-06212013	6/21/2013	MS/MSD		X		X	X	X	X		
		AMSF-MW-28-W-092713	9/27/2013			X							
AOC 11 - Sitewide Conditions (downgradient of AOC 1)	AMSF-MW-29	AMSF-MW-29-W-06212013	6/21/2013			X		X	X	X	X		
		AMSF-MW-29-W-092713	9/27/2013			X							
		AMSF-MW-29-W-062915	6/29/2015			X	X						
		AMSF-MW-29-W-081915	8/19/2015			X	X						
AOC 11 - Sitewide Conditions	AMSF-MW-30	AMSF-MW-30-W-06212013	6/21/2013			X		X	X	X	X		
		AMSF-MW-DUP-W-06212013	6/21/2013	D	AMSF-MW-30-W-06212013	X		X	X	X	X		
		AMSF-MW-30-W-092713	9/27/2013			X							
Other Area 1 (area south of location of previous sub-slab vapor sample AMSF-16)	AMSF-MW-31	AMSF-MW-31-W-06182013	6/18/2013			X							
		AMSF-MW-31-W-092513	9/25/2013			X						X	
		AMSF-MW-31-W-051314	5/13/2014			X							
		AMSF-MW-31-W-062915	6/29/2015			X	X						
		AMSF-DUP-W-062915	6/29/2015	D	AMSF-MW-31-W-062915	X	X						
		AMSF-MW-31-W-081915	8/19/2015			X	X						
		AMSF-DUP-W-081915	8/19/2015	D	AMSF-MW-31-W-081915	X	X						
OU-1 - Northwest Corner	AMSF-MW-32	AMSF-MW-32-W-051314	5/13/2014			X							
		AMSF-MW-32-W-062615	6/26/2015			X	X						
		AMSF-MW-32-W-081915	8/19/2015			X	X						
	AMSF-MW-33	AMSF-MW-33-W-051314	5/13/2014	MS/MSD		X							
		AMSF-MW-DUP-W-051314	5/13/2014	D	AMSF-MW-33-W-051314	X							
		AMSF-MW-33-W-062615	6/26/2015			X	X						

Table 6
Groundwater Sample Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Site Area	Well Location	Sample Identification	Sample Date	Sample Type	Parent Sample	Analysis Completed							
						TCL VOCs plus TICs by EPA Method 8260B	1,4-Dioxane by EPA Method 8270 SIM	TCL SVOCs plus TICs by EPA Method 8270C	TCL Pesticides by EPA Method 8081A/B	TCL PCBs by EPA Method 8082	TAL Metals by Methods 6010B/7470A	PPL Metals plus Aluminum by Methods 6010B/7470A	Cr, Cu, Pb, Ni and Zn by Methods 6010B/7470A
		AMSF-MW-33-W-081815	8/18/2015			X	X						
AOC 11 - Sitewide Conditions (downgradient of AOC 1)	AMSF-MW-34	AMSF-MW-34-W-062915	6/29/2015			X	X						
		AMSF-MW-34-W-081915	8/19/2015			X	X						
See Notes on page 2.													
OU-1 - Northwest Corner	RW-2	AMSF-RW-2-W-082015	8/20/2015			X	X						
	RW-3	AMSF-RW-3-W-082015	8/20/2015			X	X						
Field QA/QC Samples	Trip Blank	AMSF-TB-06182013	6/18/2013	TB		X							
	Trip Blank	AMSF-TB-06202013	6/20/2013	TB		X							
	Equipment Blank	Equipment Blank	6/20/2013	EB		X		X					
	Trip Blank	AMSF-TripBlank-051214	5/12/2014	TB		X							
	Trip Blank	AMSF-TRIPBLANK1	6/26/2015	TB		X							
	Trip Blank	AMSF-TRIPBLANK2	6/26/2015	TB		X							
	Equipment Blank	AMSF-EQIPMENTBLANK-063015	6/30/2015	EB		X	X						
	Trip Blank	AMSF-TRIPBLANK	8/18/2015	TB		X							
	Equipment Blank	AMSF-Rinse Blank-W-082015	8/20/2015	EB		X	X						

Notes:
AOC - Area of Concern
D - Field Duplicate
EB - Equipment Blank
EPA - U.S. Environmental Protection Agency
MS/MSD - Matrix Spike/Matrix Spike Duplicate
OU - Operable Unit
PCBs - Polychlorinated Biphenyls
PPL - Priority Pollutant List
QA/QC - Quality Assurance/Quality Control
SVOCs - Semi-Volatile Organic Compounds
TAL - Target Analyte List
TB - Trip Blank
TCL - Target Compound List
TICs - Tentatively Identified Compounds
VOCs - Volatile Organic Compounds

Table 7
Summary of Laboratory Analysis Results - Downgradient Boundary Soil Vapor Samples
Remedial Investigation, Former AMSF Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location	Sample ID	Sample Date	TCL VOCs by EPA Method TO-15
AOC10-SV-1	AOC10-SV-1	6/21/2013	X
AOC10-SV-2	AMSF-AOC10-SV-2-A-9/27/13	9/27/2013	X
AOC10-SV-3	AMSF-AOC10-SV-3-A-9/27/13	9/27/2013	X
AOC10-SV-4	AOC10-SV-4	6/21/2013	X
	AOC10-SV-DUP	6/21/2013	D

Notes:

AOC	Area of Concern
D	Field duplicate sample
EPA	United States Environmental Protection Agency
TCL	EPA's Target Compound List
VOCs	Volatile Organic Compounds

Table 8
Summary of Groundwater Field Parameters
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location		AMSF-MW-1S				AMSF-MW-3S		AMSF-MW-4		AMSF-MW-7			
Purge Date		20-Jun-13	26-Sep-13	29-Jun-15	18-Aug-15	20-Jun-13	26-Sep-13	18-Jun-13	27-Sep-13	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump
Sample Date		20-Jun-13	26-Sep-13	29-Jun-15	18-Aug-15	20-Jun-13	26-Sep-13	18-Jun-13	27-Sep-13	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15
Sampling Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump
Field Parameters	**Units**												
Conductivity	mS/cm	1.21	2.77	3.03	3.21	3.02	1.38	5.88	4.35	2.17	3.01	3.12	3.07
Dissolved Oxygen	mg/L	6.57	0.21	0.05	0.15	2.45	0.08	0.09	0.1	1.33	0.09	0.11	0.23
Oxidation Reduction Potential	mV	-69.0	-10.8	-97.1	-50.1	217.0	104.7	67.8	43	70.1	-18.9	-96.6	-73.2
pH	S.U.	6.56	7.11	7.12	7.20	6.81	7.01	6.73	6.97	7.15	7.14	7.23	7.24
Temperature	deg C	19.1	17.6	12.6	15.2	15.6	19.4	16	16.6	17.2	12.57	13.8	14.0
Turbidity	NTU	57.9	5.84	28.6	41.9	1.86	0.6	4.51	0.41	1.24	21.8	12.3	8.61
Volume Purged	gal	1.3	2.7	3.0	1.7	5.6	3.5	2.4	4	1.5	2.5	2.3	2.3
Color	none	alternating between turbid and clear	light brown with suspended material; clear after 0.3 aal	brown and cloudy; clearing after ~20-30 minutes	very turbid to start	cloudy with few particles then clear after 2.5 aal	clear	cloudy with particles changing to clear with particles	clear	clear, intermittent slugs of sediment (none after ~1 aal	very turbid; orange color	cloudy and orange	clear, few light-colored suspended particles
Odor	none	-	none	none	slight sulfur	-	none	-	none	none	none	none	none

Sample Location		AMSF-MW-9S					AMSF-MW-10		AMSF-MW-13S			AMSF-MW-16I		
Purge Date		18-Jun-13	27-Sep-13	13-May-14	29-Jun-15	18-Aug-15	20-Jun-13	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15	12-May-14	26-Jun-15	18-Aug-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump
Sample Date		18-Jun-13	27-Sep-13	13-May-14	29-Jun-15	18-Aug-15	20-Jun-13	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15	12-May-14	26-Jun-15	18-Aug-15
Sampling Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump
Field Parameters	**Units**													
Conductivity	mS/cm	3.96	3.27	5.35	6.49	4.98	6.82	2.20	2.93	3.60	3.20	7.42	6.6	6.80
Dissolved Oxygen	mg/L	0.09	0.11	0.12	0.22	0.31	0.60	0.16	0.05	0.13	0.17	0.08	0.25	0.17
Oxidation Reduction Potential	mV	134.3	102.0	41.9	34.2	36.3	158.7	215.1	-51.6	-92.8	-136.6	-111.4	-103.1	-167.8
pH	S.U.	6.93	6.93	6.85	6.97	7.11	6.81	6.99	7.11	7.16	7.20	6.95	7.03	7.05
Temperature	deg C	16.4	17.1	12.2	13.5	16.9	15	16.2	13.00	13.80	15.0	14.40	15.0	13.6
Turbidity	NTU	1.3	0.92	6.18	1.68	1.32	8.88	4.05	1.50	2.48	1.04	1.33	0.29	0.43
Volume Purged	gal	2.5	1.5	11.5	2.7	1.3	1.5	1.7	3.9	2.8	3.1	2.5	1.4	2.1
Color	none	clear - some (possibly iron) precipitate	clear	clear with some suspended particles	yellow-brown and cloudy	clear	-	clear	clear with light colored particles	yellow/orange color	clear with light-colored suspended particles	clear	clear with few brown particles	clear
Odor	none	-	none	none	none	none	-	none	sulfur	none	slight sulfur	sulfur	-	slight sulfur

Sample Location		AMSF-MW-20				AMSF-MW-21				AMSF-MW-22			
Purge Date		19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low Flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump
Sample Date		19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15
Sampling Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump
Field Parameters	**Units**												
Conductivity	mS/cm	3.6	1.36	4.278	3.18	2.6	2.2	1.541	2.13	3.56	2.36	3.268	3.25
Dissolved Oxygen	mg/L	2.08	3.68	2.95	7.64	4.67	1.33	5.51	4.12	3	0.36	0.08	0.80
Oxidation Reduction Potential	mV	221.2	122.7	130.3	64.6	216	142.8	-22.6	15.4	197.3	163.1	94.6	65.7
pH	S.U.	7.51	7.75	7.44	7.59	8.11	7.29	8.11	7.81	7.27	7.09	7.06	7.03
Temperature	deg C	16.7	18	16.5	16.5	16.6	17.6	16.4	16.1	16.4	17.5	14.9	15.6
Turbidity	NTU	5.65	0.62	37.3	26.0	8.87	0.62	7.35	49.0	1.47	0.41	0.76	20.5
Volume Purged	gal	1	0.7	1.2	3.2	1.7	1.2	3.4	1.4	1.2	0.9	4.3	1.8
Color	none	clear	-	clear	clear, slightly cloudy	clear	-	cloudy and brown	clear	turbid changing to slightly cloudy	-	clear	clear
Odor	none	-	-	none	none	-	-	none	none	-	-	none	none

Table 8
Summary of Groundwater Field Parameters
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location		AMSF-MW-23					AMSF-MW-25		AMSF-MW-26			
Purge Date		19-Jun-13	25-Sep-13	13-May-14	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	20-Jun-13	26-Sep-13	30-Jun-15	20-Aug-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump
Sample Date		19-Jun-13	25-Sep-13	13-May-14	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	20-Jun-13	26-Sep-13	30-Jun-15	20-Aug-15
Sampling Method		Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump
Field Parameters	**Units**											
Conductivity	mS/cm	3.37	2.15	6.01	3.943	2.40	2.95	2.21	4.08	2.77	5.725	3.65
Dissolved Oxygen	mg/L	0.97	1.95	1.16	0.75	1.14	0.09	0.13	0.12	0.11	0.11	0.18
Oxidation Reduction Potential	mV	206.3	147.2	32.7	99.4	51.9	83.6	134.4	155.4	148.8	63.2	74.8
pH	S.U.	7.16	7.12	7.11	7.15	7.15	7.22	6.98	7.05	6.96	7.02	7.32
Temperature	deg C	17.9	18.9	17.17	16.9	16.6	15.7	17.2	15.2	16.3	15.2	14.5
Turbidity	NTU	0.97	0.36	2.36	8.29	0.84	20	0.73	3.11	0.6	0.65	0.99
Volume Purged	gal	1.2	0.6	1.5	1.5	2.0	3	0.9	1.3	1.8	3.5	2.3
Color	none	clear	-	clear	clear with light brown particles	clear	cloudy	-	-	clear	clear	clear with light colored suspended solids
Odor	none	-	-	none	none	none	-	-	-	none	none	none

Sample Location		AMSF-MW-27		AMSF-MW-28		AMSF-MW-29			AMSF-MW-30	AMSF-MW-31				
Purge Date		18-Jun-13	26-Sep-13	21-Jun-13	27-Sep-13	27-Sep-13	29-Jun-15	19-Aug-15	27-Sep-13	18-Jun-13	25-Sep-13	13-May-14	29-Jun-15	19-Aug-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump
Sample Date		18-Jun-13	26-Sep-13	21-Jun-13	27-Sep-13	27-Sep-13	29-Jun-15	19-Aug-15	27-Sep-13	18-Jun-13	25-Sep-13	13-May-14	29-Jun-15	19-Aug-15
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Peristaltic	Peristaltic	Peristaltic	Bladder Pump	Bladder Pump	Bladder Pump
Field Parameters	**Units**													
Conductivity	mS/cm	3.24	2.15	1.39	1.97	2.79	2.47	3.09	3.27	3.75	2.33	2.95	3.62	3.08
Dissolved Oxygen	mg/L	0.15	0.14	2.45	0.6	0.73	4.98	1.84	1.5	0.11	0.13	0.16	0.14	0.18
Oxidation Reduction Potential	mV	84	134.3	210.5	118.2	103.2	31.6	42.3	116.6	5.6	30.1	-57.4	-105.2	-121.0
pH	S.U.	7.27	6.94	7.01	7.24	7.07	7.32	7.07	7.02	7.21	7.06	7.17	7.15	7.31
Temperature	deg C	15.5	15.7	13.5	15.5	17.9	15.3	15.3	18	16	16.8	15.10	15.30	14.60
Turbidity	NTU	3.92	0.6	5.18	1.64	1.82	2.24	7.03	0.86	2.21	0.71	1.88	1.63	10.2
Volume Purged	gal	1.7	1.5	1	1.8	2	2.2	2.3	1.1	2.3	1.2	6.4	2.7	1.6
Color	none	cloudy to clear	clear	clear	clear	murky then clear after 0.3 gal	clear with light and dark colored particles	cloudy with small black particles; cleared after ~10 min	clear	clear	-	clear	slightly cloudy	clear
Odor	none	none	none	none	none	-	none	none	none	-	sulfur	sulfur	sulfur	slight sulfur

Sample Location		AMSF-MW-32			AMSF-MW-33			AMSF-MW-34		RW-2	RW-3
Purge Date		13-May-14	26-Jun-15	19-Aug-15	13-May-14	26-Jun-15	18-Aug-15	29-Jun-15	20-Aug-15	20-Aug-15	20-Aug-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump
Sample Date		13-May-14	26-Jun-15	19-Aug-15	13-May-14	26-Jun-15	18-Aug-15	29-Jun-15	20-Aug-15	20-Aug-15	20-Aug-15
Sampling Method		Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump	Bladder Pump
Field Parameters	**Units**										
Conductivity	mS/cm	4.18	5.59	4.59	3.03	3.17	3.06	3.21	3.11	3.08	1.93
Dissolved Oxygen	mg/L	0.38	0.55	0.39	0.10	0.05	0.15	2.27	0.58	0.15	0.22
Oxidation Reduction Potential	mV	29.2	-17.4	61.1	-45.5	-109.8	-84.9	-61.4	11.8	33.4	-67.3
pH	S.U.	7.26	7.11	7.06	7.15	7.28	7.24	7.33	7.09	7.24	7.48
Temperature	deg C	16.82	16.4	15.9	13.81	15.2	14.8	13.9	14.3	16.8	16.2
Turbidity	NTU	31.0	10.19	10.28	21.7	41.1	27.5	10.06	5.77	0.62	5.24
Volume Purged	gal	1.2	3.0	1.3	1.8	1.9	1.6	1.9	2.2	5.7	3.5
Color	none	clear	slightly cloudy	clear	began milky, cleared after ~25 minutes	cloudy	slightly cloudy	orange-brown and cloudy; clearing up after ~5 minutes (light orange tint)	very cloudy with red suspended particles; cleared after ~15 min	clear	clear, some light-colored suspended solids; yellow residue on water level probe; sheen in annular space of manhole vault
Odor	none	slight chlorinated	none	none	-	none	none		none	none	none

Notes:

deg C	degrees Celsius
gal	gallons
mg/l	milligrams per liter
mS/cm	milliSiemens per centimeter
mV	millivolts
NTU	nephelometric turbidity unit
S.U.	standard units

Table 9
Monitoring Well Completion Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Well ID	Installation Date	Event	Northing	Easting	Ground Elevation (ft AMSL)	TOOC Elevation (ft AMSL)	TOIC Elevation (ft AMSL)	Well Diamter (in)	Total Depth (ft bgs)	Screen Interval (ft bgs)	Top of Screen (ft AMSL)	Bottom of Screen (ft AMSL)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)
AMSF-MW-20	4/30/2013	RI	1145978.89	1380961.03	566.10	566.11	565.71	2.0	24.7	14.5 - 24.3	551.6	541.8	13.5 - 24.7	10.7 - 13.5
AMSF-MW-21	4/19/2013	RI	1146014.93	1381000.06	566.10	566.10	565.61	2.0	23.0	13.0 - 22.6	553.1	543.5	11.0 - 23.0	8.8 - 11.0
AMSF-MW-22	4/26/2013	RI	1145932.08	1380949.93	566.10	566.07	565.59	2.0	23.8	14.0 - 23.4	552.1	542.7	11.8 - 23.8	9.8 - 11.8
AMSF-MW-23	4/25/2013	RI	1145998.36	1380871.99	566.10	566.10	565.73	2.0	25.0	15.8 - 24.6	550.3	541.5	13.0 - 25.0	11.0 - 13.0
AMSF-MW-24	5/14/2013	RI	1145857.36	1380633.26	566.10	563.61	563.07	2.0	6.4	3.2 - 6.2	562.9	559.9	2.5 - 6.4	1.5 - 2.5
AMSF-MW-25	4/25/2013	RI	1145892.18	1380904.01	566.10	566.05	565.77	2.0	25.8	15.6 - 25.4	550.5	540.7	13.8 - 25.8	11.8 - 13.8
AMSF-MW-26	5/2/2013	RI	1145858.33	1380780.44	566.10	566.02	565.58	2.0	25.2	14.8 - 24.6	551.3	541.5	13.2 - 25.2	10.5 - 13.2
AMSF-MW-27	5/9/2013	RI	1145839.80	1380822.06	566.10	566.06	565.71	2.0	25.9	15.7 - 25.5	550.4	540.6	13.9 - 25.9	11.9 - 13.9
AMSF-MW-28	5/6/2013	RI	1145744.35	1381100.99	563.74	563.74	563.46	2.0	21.8	11.6 - 21.4	552.14	542.34	9.8 - 21.8	7.8 - 9.8
AMSF-MW-29	5/2/2013	RI	1145961.21	1381103.30	567.78	567.78	567.49	2.0	28.0	17.8 - 27.6	549.98	540.18	17.8 - 28.0	14.5 - 17.8
AMSF-MW-30	5/20/2013	RI	1146150.43	1381092.60	572.92	572.92	572.64	2.0	30.5	20.3 - 30.1	552.62	542.82	18.5 - 30.5	16.5 - 18.5
AMSF-MW-31	5/15/2013	RI	1145915.32	1380736.19	566.10	566.05	565.69	2.0	27.9	17.7 - 27.5	548.4	538.6	15.9 - 27.9	13.9 - 15.9
AMSF-MW-32	4/10/2014	RI	1146061.00	1380743.00	566.10	566.09	565.75	2.0	22.5	12.5 - 22.5	553.6	543.6	10.5 - 22.5	8.5 - 10.5
AMSF-MW-33	4/11/2014	RI	1145981.05	1380646.33	564.70	564.66	564.32	2.0	25.0	15.0 - 25.0	551.1	541.1	12.3 - 25.0	8.0 - 12.3
AMSF-MW-34	5/27/2015	Supplemental RI	1145911.85	1381167.09	567.00	567.02	566.56	2.0	32.6	22.4 - 32.6	544.60	534.40	20.5 - 32.5	16.5 - 20.5

Notes:

ft AMSL	Feet above mean sea level (NAVD 88)
ft bgs	Feet below ground surface
in	Inches
NM	Not measured
RI	Remedial Investigation
TOOC	Top of outer casing
TOIC	Top of inner casing

Table 10
Well Survey and Water Level Summary
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Well ID	Survey event	Elevation (ft AMSL, NAVD88)				Well Type	Water level measurements									
							June 17, 2013		September 24, 2013		May 12, 2014		June 25, 2015		August 17, 2015	
		Ground surface or Top of rim at north sideof RW cover	Top outer casing (TOC) or Top of RW cover	Top inner casing (TIC) or Top of RW casing	Discrepancy (previously reported elev. for TIC or RW cover relative to elev. from new survey)		Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)	Depth to water (ft below TIC)*	Water Elevation (ft AMSL)
AMSF-MW-1D	Previous	564.20	564.84	564.42	NM	Deep	25.40	539.02	31.78	532.64	27.31	537.11	22.55	541.87	22.00	542.42
AMSF-MW-1S	Previous	563.80	566.10	566.02	-0.01	Shallow										
	7/31/13	563.80	566.10	566.03			9.44	556.59	13.37	552.66	10.30	555.73	11.34	554.69	12.68	553.35
AMSF-MW-3D	Previous	561.40	561.36	560.93	NM	Deep	14.52	546.41	17.16	543.77	15.08	545.85	15.77	545.16	16.33	544.60
AMSF-MW-3S	Previous	560.40	561.36	561.06	-0.03	Shallow										
	7/31/13	561.30	561.34	561.09			4.61	556.48	8.35	552.74	5.44	555.65	6.56	554.53	7.61	553.48
AMSF-MW-4	Previous	564.10	564.07	564.22	0.27	Shallow										
	7/31/13	NM	564.13	563.95			6.97	556.98	10.88	553.07	8.21	555.74	9.10	554.85	10.35	553.60
AMSF-MW-5D	Previous	568.00	571.16	571.00	NM	Deep	23.62	547.38	26.60	544.40	24.34	546.66	25.12	545.88	25.80	545.20
AMSF-MW-5S	Previous	567.10	NA	NA	NM	Shallow	-	-	-	-	-	-	-	-	-	-
AMSF-MW-7	Previous	563.20	564.12	563.97	-0.07	Shallow										
	7/31/13	563.40	564.16	564.04			7.45	556.59	11.31	552.73	8.31	555.73	9.27	554.77	10.66	553.38
AMSF-MW-8D	Previous	560.20	562.49	562.30	NM	Deep	17.00	545.30	18.32	543.98	16.45	545.85	16.65	545.65	17.61	544.69
AMSF-MW-8S	Previous	560.20	NA	NA	NA	Shallow										
	8/2/13	560.50	562.52	562.32			3.86	558.46	6.97	555.35	4.67	557.65	5.58	556.74	6.63	555.69
AMSF-MW-9S	Previous	565.30	565.40	565.00	-0.03	Shallow										
	7/31/13	565.40	565.44	565.03			8.90	556.13	12.22	552.81	9.38	555.65	10.30	554.73	11.68	553.35
AMSF-MW-10	Previous	561.40	561.42	561.07	-0.06	Shallow										
	7/31/13	561.50	561.49	561.13			4.21	556.92	7.46	553.67	5.33	555.80	6.10	555.03	6.92	554.21
AMSF-MW-11S	Previous	563.50	563.48	563.18	-0.06	Shallow										
	5/13/14	563.70	563.67	563.24			6.70	556.54	10.70	552.54	7.59	555.65	8.54	554.70	9.98	553.26
AMSF-MW-12S	Previous	564.00	564.01	563.53	-0.04	Shallow										
	5/13/14	564.20	564.19	563.57			7.05	556.52	11.00	552.57	7.88	555.69	8.94	554.63	10.35	553.22
AMSF-MW-13S	Previous	564.50	564.52	563.95	-0.12	Shallow										
	7/31/13	NM	564.60	NM												
	5/13/14	564.60	564.60	564.07			7.52	556.55	11.49	552.58	8.42	555.65	9.38	554.69	10.63	553.44
AMSF-MW-15I	Previous	563.10	563.13	562.83	0.00	Intermediate										
	5/13/14	563.12	563.12	562.83			6.79	556.04	10.70	552.13	7.45	555.38	8.65	554.18	9.75	553.08
AMSF-MW-16I	Previous	564.60	564.58	564.27	0.01	Intermediate										
	5/13/14	564.58	564.58	564.26			8.19	556.07	12.12	552.14	8.84	555.42	10.07	554.19	11.20	553.06
AMSF-MW-20	7/30/13	566.1	566.11	565.71	NA	Shallow	9.48	556.23	13.52	552.19	10.29	555.42	11.45	554.26	12.64	553.07
AMSF-MW-21	7/30/13	566.1	566.10	565.61	NA	Shallow	9.34	556.27	13.45	552.16	10.14	555.47	11.54	554.07	12.52	553.09
AMSF-MW-22	7/30/13	566.1	566.07	565.59	NA	Shallow	9.26	556.33	13.32	552.27	10.09	555.50	11.22	554.37	12.26	553.33
AMSF-MW-23	7/30/13	566.1	566.10	565.73	NA	Shallow	9.35	556.38	13.40	552.33	10.16	555.57	11.27	554.46	12.50	553.23
AMSF-MW-24	7/30/13	563.6	563.61	563.07	NA	Overburden	5.70	557.37	dry		dry		dry		dry	
AMSF-MW-25	7/30/13	566.1	566.05	565.77	NA	Shallow	9.41	556.36	13.38	552.39	10.23	555.54	11.30	554.47	12.50	553.27
AMSF-MW-26	7/30/13	566.1	566.02	565.58	NA	Shallow	9.44	556.14	12.13	553.45	9.83	555.75	10.65	554.93	11.50	554.08
AMSF-MW-27	7/31/13	566.1	566.06	565.71	NA	Shallow	9.18	556.53	12.64	553.07	10.10	555.61	10.95	554.76	12.17	553.54
AMSF-MW-28	7/31/13	563.7	563.74	563.46	NA	Shallow	7.07	556.39	11.19	552.27	7.89	555.57	9.03	554.43	10.23	553.23
AMSF-MW-29	7/31/13	567.8	567.78	567.49	NA	Shallow	11.20	556.29	15.26	552.23	11.98	555.51	13.21	554.28	14.38	553.11
AMSF-MW-30	7/31/13	572.9	572.92	572.64	NA	Shallow	16.30	556.34	20.37	552.27	17.11	555.53	18.29	554.35	19.58	553.06
AMSF-MW-31	7/30/13	566.1	566.05	565.69	NA	Shallow	9.08	556.61	12.93	552.76	10.02	555.67	10.99	554.70	12.38	553.31
AMSF-MW-32	5/13/14	566.1	566.09	565.75	NA	Shallow	-	-	-	-	10.12	555.63	11.12	554.63	12.49	553.26
AMSF-MW-33	5/13/14	564.7	564.66	564.32	NA	Shallow	-	-	-	-	8.64	555.68	9.60	554.72	11.00	553.32
AMSF-MW-34	8/5/15	567.0	567.02	566.56	NA	Shallow	-	-	-	-	-	-	12.43	554.13	13.59	552.97
RW-1	Previous	NM	558.34	NM	-0.05	Recharge										
	7/31/13	558.43	558.39	555.02			1.49	556.90	4.33	554.06	-	-	1.85	556.54	3.60	554.79
RW-2	Previous	563.10	563.28	559.09	0.01	Recharge										
	7/31/13	563.26	563.27	NM			0.92	562.35	2.30	560.97	7.60	555.67	8.59 [1]		4.43 [1]	
RW-3	Previous	565.20	565.05	560.96	-0.12	Recharge										
	7/31/13	565.16	565.17	NM			3.50	561.67	4.07	561.10	3.72	561.45	flooded [2]		4.10	561.07
RW-4	Previous	566.40	566.36	560.60	0.00	Recharge										
	7/31/13	566.36	566.36	NM			4.61	561.75	5.65	560.71	5.10	561.26	flooded [2]		4.94	561.42
RW-5	Previous	565.40	565.46	561.12	-0.61	Recharge										
	7/31/13	566.10	566.07	561.26			9.85	556.22	11.30	554.77	5.62	560.45	11.23	554.84	11.32	554.75
RW-6	Previous	566.10	566.49	564.34	NA	Recharge	-	-	-	-	-	-	12.35	553.75	13.53	552.96
ITT-DBW-2	Previous	565.4	565.42	565.02	NA	Deep	-	-	-	-	-	-	65.08	499.94	62.30	502.72
ITT-DBW-5	Previous	564.7	564.75	564.48	NA	Deep	-	-	-	-	-	-	10.98	553.50	12.22	552.26
ITT-DBW-8	Previous	563.4	563.28	563.11	NA	Deep	-	-	-	-	-	-	9.40	553.71	9.32	553.79
ITT-IBW-19	Previous	572.6	572.55	572.24	NA	Intermediate	-	-	-	-	-	-	18.10	554.14	19.22	553.02
ITT-IBW-20	Previous	565.1	565.08	564.77	NA	Intermediate	-	-	-	-	-	-	10.59	554.18	11.76	553.01
ITT-MW-1	Previous	561.1	561.04	560.71	NA	Overburden	-	-	-	-	-	-	5.07	555.64	5.94	554.77
ITT-MW-4	Previous	563.7	563.75	563.36	NA	Overburden	-	-	-	-	-	-	dry		dry	
ITT-SBW-1A	Previous	564.6	564.63	564.19	NA	Shallow	-	-	-	-	-	-	9.45	554.74	10.89	553.30
ITT-SBW-2	Previous	565.3	565.38	564.96	NA	Shallow	-	-	-	-	-	-	10.20	554.76	11.67	553.29
ITT-SBW-4	Previous	561.1	561.23	560.59	NA	Shallow	-	-	-	-	-	-	4.77	555.82	5.70	554.89
ITT-SBW-5A	Previous	564.6	564.39	564.39	NA	Shallow	-	-	-	-	-	-	9.46	554.93	10.91	553.48
ITT-SBW-6	Previous	564.2	564.21	563.74	NA	Shallow	-	-	-	-	-	-	9.00	554.74	10.46	553.28
ITT-SBW-7	Previous	564.6	564.59	564.16	NA	Shallow	-	-	-	-	-	-	9.32	554.84	10.77	553.39
ITT-SBW-8	Previous	562.9	562.75	562.44	NA	Shallow	-	-	-	-	-	-	7.12	555.32	7.97	554.47
ITT-SBW-9	Previous	565.2	565.19	564.85	NA	Shallow	-	-	-	-	-	-	10.08	554.77	11.50	553.35
ITT-SBW-10	Previous	565.0	565.07	564.65	NA	Shallow	-	-	-	-	-	-	9.62	555.03	11.09	553.56
ITT-SBW-11	Previous	564.9	564.90	564.60	NA	Shallow	-	-	-	-	-	-	8.09	556.51	10.04	554.56
ITT-SBW-12	Previous	564.9	564.91	564.37	NA	Shallow	-	-	-	-	-	-	8.94	555.43	9.90	554.47
ITT-SBW-13	Previous	572.5	572.44	571.99	NA	Shallow	-	-	-	-	-	-	17.32	554.67	18.67	553.32
ITT-SBW-14	Previous	571.6	571.60	571.25	NA	Shallow	-	-	-	-	-	-	16.61	554.64	18.02	553.23
ITT-SBW-15	Previous	573.7	573.67	573.13	NA	Shallow	-	-	-	-	-	-	18.75	554.38	20.03	553.10
ITT-SBW-16	Previous	572.2	572.17	571.74	NA	Shallow	-	-	-	-	-	-	16.91	554.83	18.35	553.39
ITT-SBW-17	Previous	568.8	568.78	568.23	NA	Shallow	-	-	-	-	-	-	11.26	556.97	12.18	556.05
ITT-SBW-18	Previous	570.0	570.06	569.56	NA	Shallow	-	-	-	-	-	-	14.42	555.14	15.60	553.96
ITT-SBW-23	Previous	564.2	564.16	563.73	NA	Shallow	-	-	-	-	-	-	9.02	554.71	10.23	553.50

Notes:

AMSF	Former Alliance Metal Stamping & Fabrication facility
ft AMSL	Feet above mean sea level (NAVD 88)
NA	Not applicable
NM	Not measured
-	Depth to water was not measured (well was either not yet installed, inaccessible, or not part of the monitoring program)
*	Recharge well water levels measured from top of MH cover or grate
[1]	The rim of the cover for recharge well RW-2 has subsided, and the cover elevation no longer equals the previously surveyed reference elevation
S	Shallow bedrock
I	Intermediate bedrock
D	Deep bedrock
RW	Recharge Well
TIC	Top of inner casing
TOC	Top of outer casing
MH	Manhole
[2]	Water was present in the recharge well catch basin above the top of the well casing

Table 11
Summary of Soil Vapor Field Screening and Laboratory Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

	Field Screening Results Parts Per Million (PPM)					Laboratory Analysis Results Milligrams per cubic meter (mg/m^3) - Blank cells indicate analyte not detected												
	PID Readings During Drilling of Sample Holes (10.6 eV PID except where noted)			PID Readings During Sampling		PCE	TCE	1,1-DCE	cis-1,2-DCE	Vinyl chloride	Chlorinated Ethenes Total	1,1,1-TCA	1,1-DCA	Chloroethane	Chlorinated Ethanes Total	Methyl Acetate	Dichlorodifluoromethane	Acetone
Sample Location	Sub-slab or sub-pavement	Completed Hole	Cuttings (from container headspace)	10.6 eV PID	11.7 eV PID	IP = 9.32 eV RL = 2.00 mg/m^3	IP = 9.45 eV RL = 2.00 mg/m^3	IP = 11.06 eV RL = 2.00 mg/m^3	IP = 9.65 eV RL = 2.00 mg/m^3	IP = 10.00 eV RL = 2.00 mg/m^3		IP = 11.25 eV RL = 2.00 mg/m^3	IP = 11.12 eV RL = 2.00 mg/m^3	IP = 10.98 eV RL = 2.00 mg/m^3		IP = 10.27 eV RL = 2.00 mg/m^3	IP = 11.75 eV RL = 2.00 mg/m^3	IP = 9.69 eV RL = 10.00 mg/m^3
AM-SVIAAMB-OA (20130409)						1.76 J	0.96 U	1.48 U	1.15 J	1.01 U		1.07 U	0.81 U	1.18 U		-	2.52	41.35
AOC 1 - Former Degreaser Area																		
DG-1	11.4	11.9	15.9	0 (*)	0.1	2.52					2.5							
DG-2	15.1	7.5	11.4	0 (*)	0.4	1.68					1.7							
DG-3	22.7	20.1	8.4	0 (*)	0.1													6.67
DG-4	1.2	1		0 (*)	2.1	5.98					6.0							
DG-5	139	No soil encountered		Not sampled														
DG-5N	119	21.3	15.6	68.4	65.2	833					833							
DG-6	51.8	9	8.2	0.8	4.1	26.5					26.5					2.77		8.97
DG-7	3.3	1.4	3.1	2.1	2	7.18					7.2					1.45		17.6
DG-8	62.3	10.3	9.2	0.4	3.3	52.2		1.09			53.3	5.1			5.1	1.88		28.6
DG-9	34.1	17.9	9.8	1.1	0.8	12.6					12.6	1.26			1.3			26.7
DG-10	30.6	8.1	9.6	1.5	0.5	4.17					4.2					2.32		26.4
DG-DUP (dupl. of DG-10)						1.37					1.4					2.44		
DG-11	3.2	1.2	21.1	0.3	0.8	57.8					57.8	1.01			1.0	1.61		26.8
DG-12	3.8	1		1.1	1.3	115	1.15				116.2	2.19			2.2			17.7
DG-13	1.2	0.9	24.8	39.4	4.3	11.4					11.4					1.58		25.8
DG-14	3.1	0.7	13.8	-0.1	0.3	104	1.31				105.3	1.69			1.7			20.4
DG-15	1.3	1	8.7	0.2	0	21.9					21.9	1.65			1.7	1.04		23.9
DG-16	142	9.5	15.8	182.5	29.9	12.4					12.4					2.11		
DG-17	86.2	8.7	13.7	21.3	12.5	13.5					13.5					1.21		
DG-18	13.9	2.9	5.2	26	15.1	6.87					6.9					1.37		
AOC 2 - Former Drainage Swale																		
SW-1	27.3	19.5	11.6	6.6	5.2	7.59		1.46			9.1							8.71
SW-DUP (dupl. of SW-1)						3.47					3.5							
SW-2	10.9	8.8	13.4	0.4	0.8	13.3					13.3							
SW-3	20.5	5.4	4.2	0 (*)	15.4	9.85					9.9					6.47		7.6
SW-4	55.7	6.9	3.8	0 (*)	-1.3	156	3.84	3.31			163.2	2.55			2.6			
SW-5	18.8	18.7	17.6	27.8	5.2	1.92					1.9							5.45
SW-6	30.4	39.3	62.3	Not sampled [3]														
SW-6N 10.6 eV PID:	0	0	0	Not sampled [3]														
SW-6N 11.7 eV PID:	1.7	0	0															
SW-7	31.2	32.3	37.5	25.6	3.8	1.9					1.9							29.6
SW-8	24	9.7	0.9	0.3	1.1	3.13					3.1							22.2
SV-AOC2 (OU-1)	Not sampled at this time																	
SV-AOC2 (OU-1)	Not sampled at this time																	
AOC 3 - East Side Sanitary Sewer																		
SEW-1	18.1	5.1	3.8	0 (*)	8	37.9					37.9	1.12			1.1	4.31		8.25
SEW-2	25	5.8	3.7	0 (*)	4.8	35.9					35.9					5.43		5.78
SEW-3	10.1	4.7	9.6	0 (*)	3.3	10.4					10.4					7.3		9.85
SEW-4	32.7	6.9	3.5	0 (*)	-2	5.35					5.4					4.72		9.92
SEW-5	6	5.1	2.9	0 (*)	4.7	52.3					52.3	1.22			1.2			9.61
SEW-6	46.1	5.8	8.4	0 (*)	11.9	19.5					19.5					4.5		
SEW-7	26.4	12.5	7.7	0 (*)	47.4	170					170							8.45
SEW-8	37.1	3.1	2.2	0 (*)	1.4	5.46					5.5					1.56		
SEW-9	66.8	13.5	15.8	0 (*)	0.2	2.66					2.7					1.31		8.96
SEW-10	12.9	5.4	7.2	0 (*)	0.4	1.78					1.8							
SEW-11	17.9	13.4	9.2	0 (*)	-0.3	1.15					1.2							6.79
SEW-12				0 (*)	1.2	1.56					1.6							9.75
SEW-13	22.2	14.7	16.4	0 (*)	0.7	1.01					1.0						2.42	5.49
AOC 6 - Paint Shop																		
PS-1	28	13.1	8	2.1	1.4	1.54					1.5					1.54		23.3
PS-2	21.7	12.7	6	4.3	1.8											1.62		13.6
PS-3	22.2	19.3	17.1	0.2	-0.2	1.07					1.1							25.8
PS-4	21.9	18.6	19.6	11.1	6	3.82				32.9	36.7		3.66	3.24	6.9			
PS-5	14.1	15.1	18.8	11.6	7.1			1.95			2.0	6.01	7.02		13.0			16.1
PS-6	22.6	20.2	29.5	0.7	4			8.99	7.72		16.7	4.2	26.2	7.58	38.0			7.56
PS-7	21.3	19.7	23.9	1.1	1.1	2.2		8.72			10.9	45.2	61.3		106.5			
PS-8	20.5	9.3	10.8	8.2	1.5	1.76					1.8	2.85	1.78		4.6			
PS-DUP (dupl. of PS-8)						1.54					1.5	2.13	1.01		3.1			
Maximum	142	39.3	62.3	182.5	65.2	833	3.84	8.99	7.72	32.9	833	45.2	61.3	7.58	106.5	7.3	2.42	29.6

Notes:
1. * - Where indicated by an asterisk, readings of 0 ppm obtained with the 10.6 eV PID on the first day of sampling may have been caused by a malfunction of the PID and may not be representative of site conditions.
2. Refer to text for additional information on screening methods. Refer to Table 14 for a complete summary of laboratory analysis results for the samples listed above, including results for compounds analyzed but not detected in the samples.
3. At the SW-6 location, the sample hole was found to be filled with water, and replacement hole SW-6N, drilled five feet north of SW-6, also filled with water as soon as it was completed, so no sample was taken at the SW-6 location.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 1 - Former Degreaser Area													
Sample Location			AMSF-MW-20		AMSF-MW-21	AMSF-MW-22	DG-TB-1		DG-TB-2		DG-TB-3B		DG-TB-4B			DG-TB-5A
Sample Date			29-Apr-13	29-Apr-13	17-Apr-13	22-Apr-13	7-Nov-12	7-Nov-12	8-Nov-12	8-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12
Sample ID			MW-20-S-1	MW-20-S-2	MW-21-S-1	MW-22-S-1	DG-TB-1-1	DG-TB-1-2	DG-TB-2-1	DG-TB-2-2	DG-TB-3B	DUP-1	DG-TB-4B-1	DG-TB-4B-2	DG-TB-4B-2	DG-TB-5A
Sample Depth			6.9 - 7 ft	10 - 10.3 ft	2.5 ft	7 ft	5.5 ft	7.5 ft	2.5 ft	5.5 ft	10.2 ft	10.2 ft	8.8 ft	10 ft	10 ft	8 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0688	M0688	M0596	M0596	L2408	L2408	L2407	L2407	L2408	L2408	L2408	L2408	L2408	L2408
Laboratory Sample ID			M0688-01	M0688-02	M0596-01	M0596-02	L2408-11	L2408-12/ME	L2407-01	L2407-02	L2408-09	L2408-10	L2408-07	L2408-08/ME	L2408-08DUP	L2408-06
Sample Type	Units	Refer to notes on last page for explanation of letter codes										Field Duplicate			Lab Replicate	
Volatile Organic Compounds																
Tetrachloroethene (PCE)	µg/kg	1300[AC] 150000[B] 500000[D]	1300	**2200[AC]**	79	5.7 U	240	780	25 J	53 J	91 J	27 J	150 J	370	-	53 J
Trichloroethene (TCE)	µg/kg	470[AC] 200000[B]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Dichloroethene, cis-1,2-	µg/kg	250[AC] 500000$_c$[B]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Trichloroethane, 1,1,1-	µg/kg	680[AC] 500000$_c$[B]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 J	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Trichloroethane, 1,1,2-	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Dichloroethane, 1,1-	µg/kg	270[AC] 240000[B]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Dichloroethene, 1,1-	µg/kg	330[AC] 500000$_c$[B]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Dioxane, 1,4-	µg/kg	100$_m$[A] 130000[B] 100$_f$[C]	R	R	R	R	R	**2400 J[AC]**	R	R	R	R	R	R	-	R
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 500000$_c$[B]	***56 U***	***57 U***	5.5 U	5.7 U	6.4 U	6.4 U	11 UJ	12 U	6.4 UJ	7.1 UJ	13 UJ	4.9 U	-	14 UJ
Acetone	µg/kg	50[AC] 500000$_c$[B]	***56 UJ***	***57 UJ***	4.2 J	5.7 U	6.4 UJ	7.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	23 UJ	4.9 UJ	-	6.9 UJ
Carbon Disulfide	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 2700[E]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Xylene, m & p-	µg/kg	260$_p$[A] 500000$_{c,p}$[B] 1600$_p$[C]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Xylenes, Total	µg/kg	260[A] 500000$_c$[B] 1600[C]	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	-	6.9 UJ
Semi - Volatile Organic Compounds																
Acenaphthene	µg/kg	20000[A] 500000$_c$[B] 98000[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1000$_n$[A] 5600[B] 1000$_g$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1000$_n$[A] 1000$_g$[B] 22000[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1000$_n$[A] 5600[B] 1700[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100000[A] 500000$_c$[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 56000[B] 1700[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 435000[E]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	$_{NS}$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 122000[E]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	1000$_n$[A] 56000[B] 1000$_g$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 560[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	7000[A] 350000[B] 210000[C] 500000$_a$[D] 6200[E]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/kg	30000[A] 500000$_c$[B] 386000[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 5600[B] 8200[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 4400[E]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 36400[E]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	12000[AC] 500000$_c$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100000[A] 500000$_c$[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	100000[A] 500000$_c$[B] 1000000$_d$[C]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 1 - Former Degreaser Area													
Sample Location			AMSF-MW-20		AMSF-MW-21	AMSF-MW-22	DG-TB-1		DG-TB-2		DG-TB-3B		DG-TB-4B			DG-TB-5A
Sample Date			29-Apr-13	29-Apr-13	17-Apr-13	22-Apr-13	7-Nov-12	7-Nov-12	8-Nov-12	8-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12	7-Nov-12
Sample ID			MW-20-S-1	MW-20-S-2	MW-21-S-1	MW-22-S-1	DG-TB-1-1	DG-TB-1-2	DG-TB-2-1	DG-TB-2-2	DG-TB-3B	DUP-1	DG-TB-4B-1	DG-TB-4B-2	DG-TB-4B-2	DG-TB-5A
Sample Depth			6.9 - 7 ft	10 - 10.3 ft	2.5 ft	7 ft	5.5 ft	7.5 ft	2.5 ft	5.5 ft	10.2 ft	10.2 ft	8.8 ft	10 ft	10 ft	8 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0688	M0688	M0596	M0596	L2408	L2408	L2407	L2407	L2408	L2408	L2408	L2408	L2408	L2408
Laboratory Sample ID			M0688-01	M0688-02	M0596-01	M0596-02	L2408-11	L2408-12/ME	L2407-01	L2407-02	L2408-09	L2408-10	L2408-07	L2408-08/ME	L2408-08DUP	L2408-06
Sample Type	Units	Refer to notes on last page for explanation of letter codes										Field Duplicate			Lab Replicate	
General Chemistry																
Moisture Content	%	n/v	11	13	16	21	17	14	19	21	20	14	9.7 J	9.9 J	9.762 J	16
Percent Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																
Antimony	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	7.2^{A} 590^{B} 47^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	2.5_{n}^{A} 9.3^{B} 7.5^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	mg/kg	$_{NS,q}^{ABC}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} 1720^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	63_{n}^{A} 1000^{B} 450^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.18_{n}^{A} 2.8_{x}^{B} 0.73^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	3.9_{n}^{A} 1500^{B} 4_{g}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	2^{A} 1500^{B} 8.3^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	109_{n}^{A} 10000_{e}^{B} 2480^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminum	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	1600_{n}^{A} 10000_{e}^{B} 2000_{g}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poly Chlorinated Biphenyls (PCBs) - All Aroclors			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																
BHC, beta-	µg/kg	36^{A} 3000^{B} 90^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	5_{n}^{A} 1400^{B} 100^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2400_{j}^{A} 200000_{j}^{B} 1000000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Aldehyde	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 2 - Former Drainage Swale									AOC 3 - East Side Sanitary Sewer	AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas			
Sample Location			AMSF-MW-23	SW-TB-1		SW-TB-2			SW-TB-3		SW-TB-4	SEW-TB-1	AMSF-MW-25		5A-TB-1	5B-TB-1		5B-TB-2
Sample Date			24-Apr-13	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	7-Nov-12	8-Nov-12	23-Apr-13	23-Apr-13	7-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12
Sample ID			MW-23-S-1	SW-TB-1-1	SW-TB-1-1	SW-TB-1-2	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-3-1	SW-TB-4	SEW-TB-1	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-1-1	5B-TB-2
Sample Depth			2.5 ft	5.5 ft	5.5 ft	8 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	11.8 ft	3.1 ft	5 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	6.8 ft	3 - 4 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0596	L2407	L2407	L2407	L2407	L2407	L2407	L2407	L2408	L2407	M0596	M0596	L2408	L2407	L2407	L2407
Laboratory Sample ID			M0596-05	L2407-05	L2407-05D	L2407-06	L2407-09	L2407-10	L2407-08	L2407-07	L2408-05	L2407-03	M0596-04	M0596-03	L2408-04	L2407-13	L2407-12	L2407-11
Sample Type	Units	Refer to notes on last page for explanation of letter codes			Lab Replicate			Field Duplicate										
Volatile Organic Compounds																		
Tetrachloroethene (PCE)	µg/kg	1300[AC] 150000[B] 500000$_a$[D]	33	16 J	-	84 J	5.8 J	7.7 J	8.4 J	38 J	37	5.2 UJ	37	3.6 J	9.8	6.0 U	7.6 U	2.2 J
Trichloroethene (TCE)	µg/kg	470[AC] 200000[B]	5.6 U	1.7 J	-	2.5 J	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	2.0 J	6.9 UJ
Dichloroethene, cis-1,2-	µg/kg	250[AC] 500000$_c$[B]	5.6 U	1.5 J	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	4.5 J	4.2 J	6.9 UJ
Trichloroethane, 1,1,1-	µg/kg	680[AC] 500000$_c$[B]	5.6 U	18 J	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ
Trichloroethane, 1,1,2-	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	5.6 U	4.9 U	-	11 J	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ
Dichloroethane, 1,1-	µg/kg	270[AC] 240000[B]	5.6 U	1.9 J	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	5.2 UJ	5.7 U	6.4 U	8.0 U	8.4 J	10	2.9 J
Dichloroethene, 1,1-	µg/kg	330[AC] 500000$_c$[B]	5.6 U	4.9 U	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ
Dioxane, 1,4-	µg/kg	100$_m$[A] 130000[B] 100$_f$[C]	R	R	-	R	R	R	R	R	R	R	R	R	R	**250 J[AC]**	**760 J[AC]**	**3600 J[AC]**
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 500000$_c$[B]	5.6 U	4.9 U	-	9.3 UJ	10 UJ	9 UJ	5.3 UJ	6.8 UJ	8 UJ	14 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.8 U	7.6 UJ
Acetone	µg/kg	50[AC] 500000$_c$[B]	5.6 U	4.9 UJ	-	6.0 UJ	9 UJ	13 UJ	17 UJ	6.8 UJ	5.6 UJ	18 UJ	3.1 J	6.4 U	8.0 UJ	48 UJ	7.6 UJ	6.9 UJ
Carbon Disulfide	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 2700[E]	5.6 U	4.9 U	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ
Xylene, m & p-	µg/kg	260$_p$[A] 500000$_{c,p}$[B] 1600$_p$[C]	5.6 U	4.9 U	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ
Xylenes, Total	µg/kg	260[A] 500000$_c$[B] 1600[C]	5.6 U	4.9 U	-	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ
Semi - Volatile Organic Compounds																		
Acenaphthene	µg/kg	20000[A] 500000$_c$[B] 98000[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Anthracene	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Benzo(a)anthracene	µg/kg	1000$_n$[A] 5600[B] 1000$_g$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Benzo(a)pyrene	µg/kg	1000$_n$[A] 1000$_g$[B] 22000[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Benzo(b)fluoranthene	µg/kg	1000$_n$[A] 5600[B] 1700[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Benzo(g,h,i)perylene	µg/kg	100000[A] 500000$_c$[B] 1000000$_d$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 56000[B] 1700[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 435000[E]	-	290 J	-	-	180 J	190 J	280 J	-	1400	-	400 U	90 J	260 J	180 J	-	170 J
Butyl Benzyl Phthalate	µg/kg	$_{NS}$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 122000[E]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Carbazole	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Chrysene	µg/kg	1000$_n$[A] 56000[B] 1000$_g$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 560[B] 1000000$_d$[C]	-	***360 U***	-	-	***380 U***	***370 U***	***370 U***	-	***390 U***	-	***400 U***	***410 U***	***410 U***	***390 U***	-	***370 U***
Dibenzofuran	µg/kg	7000[A] 350000[B] 210000[C] 500000$_a$[D] 6200[E]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Fluoranthene	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Fluorene	µg/kg	30000[A] 500000$_c$[B] 386000[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 5600[B] 8200[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Isophorone	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 4400[E]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Methylnaphthalene, 1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100000$_a$[A] 500000$_c$[B] 1000000$_d$[C] 500000$_a$[D] 36400[E]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Naphthalene	µg/kg	12000[AC] 500000$_c$[B]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Phenanthrene	µg/kg	100000[A] 500000$_c$[B] 1000000$_g$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U
Pyrene	µg/kg	100000[A] 500000$_c$[B] 1000000$_g$[C]	-	360 U	-	-	380 U	370 U	370 U	-	390 U	-	400 U	410 U	410 U	390 U	-	370 U

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 2 - Former Drainage Swale									AOC 3 - East Side Sanitary Sewer	AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas			
Sample Location			AMSF-MW-23	SW-TB-1			SW-TB-2		SW-TB-3		SW-TB-4	SEW-TB-1	AMSF-MW-25		5A-TB-1	5B-TB-1		5B-TB-2
Sample Date			24-Apr-13	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	7-Nov-12	8-Nov-12	23-Apr-13	23-Apr-13	7-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12
Sample ID			MW-23-S-1	SW-TB-1-1	SW-TB-1-1	SW-TB-1-2	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-3-1	SW-TB-4	SEW-TB-1	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-1-1	5B-TB-2
Sample Depth			2.5 ft	5.5 ft	5.5 ft	8 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	11.8 ft	3.1 ft	5 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	6.8 ft	3 - 4 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0596	L2407	L2407	L2407	L2407	L2407	L2407	L2407	L2408	L2407	M0596	M0596	L2408	L2407	L2407	L2407
Laboratory Sample ID			M0596-05	L2407-05	L2407-05D	L2407-06	L2407-09	L2407-10	L2407-08	L2407-07	L2408-05	L2407-03	M0596-04	M0596-03	L2408-04	L2407-13	L2407-12	L2407-11
Sample Type	Units	Refer to notes on last page for explanation of letter codes			Lab Replicate			Field Duplicate										
General Chemistry																		
Moisture Content	%	n/v	14	12	11.71	13	16	14	11	10	15	19	18	24	22	17	23	14
Percent Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																		
Antimony	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{a}^{C} 10000_{a}^{DE}	-	1.1 J	0.9540 B	-	0.76 J	0.53 J	0.82 J	-	1.0 J	-	-	-	1.0 B	0.63 J	-	0.92 J
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	-	5.0 *	3.784 *	-	3.2 *	4.3 *	2.9 *	-	3.4	-	-	-	3.2	2.9 *	-	5.9 *
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	-	96.9 *	78.49 *	-	34.1 *	39.7 *	36.8 *	-	98.4	-	-	-	-	-	-	-
Beryllium	mg/kg	7.2^{A} 590^{B} 47^{C}	-	0.52	0.4030	-	0.23 B	0.27	0.20 B	-	0.59	-	-	-	0.73	0.38	-	0.65
Cadmium	mg/kg	2.5_{n}^{A} 9.3^{B} 7.5^{C}	-	0.13 B	0.0596 B	-	0.017 U	0.17 B	0.016 U	-	0.27 B	-	-	-	0.30	0.26 B	-	0.32
Chromium (Total)	mg/kg	$_{NS,a}^{ABC}$	-	16.3	13.62	-	7.8	8.3	6.9	-	19.6	-	-	-	24.9	10.8	-	21.9
Cobalt	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{a}^{C} 10000_{a}^{DE}	-	10.1	8.227	-	4.7	6.1	5.1	-	9.8	-	-	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} 1720^{C}	-	19.3 *	15.65 *	-	13.4 J	43.3 J	10.1 *	-	18.6	-	-	-	16.4	5.9 *	-	16.5 *
Lead	mg/kg	63_{n}^{A} 1000^{B} 450^{C}	-	6.9 *	5.045 *	-	5.9 *	9.0 *	4.5 *	-	7.4	-	-	-	7.5	12.6 *	-	7.5 *
Mercury	mg/kg	0.18_{n}^{A} 2.8_{k}^{B} 0.73^{C}	-	0.025 B	0.0056 B	-	0.0068 B	0.014 B	0.0055 B	-	0.030 B	-	-	-	0.016 B	0.045	-	0.022 B
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	-	21.4 *	17.27 *	-	9.7 *	12.0 *	9.3 *	-	24.0	-	-	-	27.7	10.2 *	-	24.7 *
Selenium	mg/kg	3.9_{n}^{A} 1500^{B} 4_{g}^{C}	-	0.71 U	0.7200 U	-	0.71 U	0.72 B	0.70 U	-	1.3 B	-	-	-	0.64 U	1.4 B	-	1.3 B
Silver	mg/kg	2^{A} 1500^{B} 8.3^{C}	-	0.071 U	0.0720 U	-	0.071 U	0.097 B	0.070 U	-	0.071 U	-	-	-	0.064 U	0.13 B	-	0.093 B
Thallium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{a}^{C} 10000_{a}^{DE}	-	0.60 J	0.2500 U	-	0.33 J	0.19 UJ	0.68 J	-	0.24 UJ	-	-	-	0.98 B	0.22 UJ	-	0.27 J
Vanadium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{a}^{C} 10000_{a}^{DE}	-	23.7	20.44	-	11.6	13.4	11.0	-	27.5	-	-	-	-	-	-	-
Zinc	mg/kg	109_{n}^{A} 10000_{e}^{B} 2480^{C}	-	51.2 J	40.28 *	-	30.1 J	27.5 J	23.8 J	-	48.1 J	-	-	-	57.1 J	36.8 J	-	53.0 J
Aluminum	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{a}^{C} 10000_{a}^{DE}	-	**12200^{BCDE}**	9997	-	5430	5450	5020	-	**13700^{BCDE}**	-	-	-	**15700^{BCDE}**	**11000^{BCDE}**	-	**14200^{BCDE}**
Iron	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{a}^{C} 10000_{a}^{DE}	-	**20100 E^{BCDE}**	**17200^{BCDE}**	-	**10800 E^{BCDE}**	**13600 E^{BCDE}**	**10100 E^{BCDE}**	-	**20700^{BCDE}**	-	-	-	-	-	-	-
Magnesium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	**10300^{BC}**	**10180^{BC}**	-	9130 J	3290 J	**13000^{BC}**	-	6110	-	-	-	-	-	-	-
Manganese	mg/kg	1600_{n}^{A} 10000_{e}^{B} 2000_{g}^{C}	-	401	378.3	-	329 J	584 J	335	-	349	-	-	-	-	-	-	-
Calcium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	**36100^{BCDE}**	**40480^{BCDE}**	-	**41200 J^{BCDE}**	6560 J	**53100^{BCDE}**	-	5710	-	-	-	-	-	-	-
Potassium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	1860	1550	-	725	629	786	-	1180	-	-	-	-	-	-	-
Sodium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	174	166.5	-	121	97.0	111	-	455	-	-	-	-	-	-	-
Poly Chlorinated Biphenyls (PCBs) - All Aroclors			-	ND	-	-	ND	ND	ND	-	ND	-	ND	ND	ND	ND	-	ND
Pesticides																		
BHC, beta-	µg/kg	36^{A} 3000^{B} 90^{C}	-	1.9 U	-	-	2.0 U	2.0 U	1.9 U	-	9.0 NJ	-	-	-	-	-	-	-
Dieldrin	µg/kg	5_{n}^{A} 1400^{B} 100^{C}	-	3.7 U	-	-	3.9 U	3.8 U	3.7 U	-	4.0 NJ	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2400_{j}^{A} 200000_{j}^{B} 1000000_{d}^{C}	-	3.7 U	-	-	3.9 U	3.8 U	3.7 U	-	3.9 UJ	-	-	-	-	-	-	-
Endrin Aldehyde	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	-	3.7 U	-	-	3.9 U	3.8 U	3.7 U	-	4.4 J	-	-	-	-	-	-	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 6 - Paint Shop, and AOC 7 - Former Plating Area							AOC 8 - Former Spray Wash Area			AOC 10 - Sitewide Conditions			
Sample Location			PS-TB-1		PS-TB-2	AMSF-MW-26	7-TB-1		7-TB-2	AMSF-MW-27	SPW-TB-2		AMSF-MW-28	AMSF-MW-29	AMSF-MW-30	
Sample Date			9-Nov-12	9-Nov-12	9-Nov-12	1-May-13	9-Nov-12	9-Nov-12	9-Nov-12	7-May-13	8-May-13	8-May-13	1-May-13	15-May-13	14-May-13	14-May-13
Sample ID			PS-TB-1-2	PS-TB-1-1	PS-TB-2	MW-26-S-1	7-TB-1-1	7-TB-1-2	7-TB-2	MW-27-S-1	SPW-TB2-S-1	SPW-TB2-S-1D	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	MW-30-S-2
Sample Depth			2 - 4 ft	8 ft	2 - 4 ft	8 - 8.4 ft	2 - 3 ft	13.7 ft	2 - 4 ft	7.5 - 7.7 ft	8 ft	8 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	9 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	L2407	L2407	L2408	M0688	L2407	L2407	L2407	M0716	M0716	M0716	M0688	SB70063	SB70063	SB70063
Laboratory Sample ID			L2407-20	L2407-19	L2408-01	M0688-03	L2407-16	L2407-17	L2407-18	M0716-06	M0716-09	M0716-09D	M0688-06	SB70063-04	SB70063-02	SB70063-03
Sample Type	Units	Refer to notes on last page for explanation of letter codes										Lab Replicate				
Volatile Organic Compounds																
Tetrachloroethene (PCE)	µg/kg	1300[AC] 150000[B] 500000[D]	390 U	74 J	76 J	5.9 U	6.9 UJ	58	7.0 U	5.6 UJ	6.0 U	-	13 J	3.9 U	3.8 U	3.2 U
Trichloroethene (TCE)	µg/kg	470[AC] 200000[B]	390 U	6.6 UJ	7.3 UJ	5.9 U	6.9 UJ	2.9 J	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	5.2 U	5.0 U	4.3 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 500000[B]	**490[AC]**	15 J	7.3 UJ	5.9 U	1.6 J	6.6 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	2.9 U	2.8 U	2.4 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 500000[B]	390 U	120 J	1.6 J	5.9 U	6.9 UJ	17	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	5.5 U	5.3 U	4.5 U
Trichloroethane, 1,1,2-	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	1.6 J	7.3 UJ	5.9 U	6.9 UJ	6.6 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	5.9 U	5.7 U	4.8 U
Dichloroethane, 1,1-	µg/kg	270[AC] 240000[B]	**410[AC]**	22 J	7.3 UJ	5.9 U	6.9 UJ	1.7 J	2.0 J	5.6 UJ	6.0 U	-	6.0 UJ	6.7 U	6.4 U	5.5 U
Dichloroethene, 1,1-	µg/kg	330[AC] 500000[B]	***390 U***	9.2 J	7.3 UJ	5.9 U	6.9 UJ	6.6 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	3.4 U	3.3 U	2.8 U
Dioxane, 1,4-	µg/kg	100[A] 130000[B] 100[C]	R	**140 J[AC]**	R	R	R	R	R	R	R	-	R	R	R	R
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 500000[B]	***390 UJ***	8.4 UJ	9.5 UJ	5.9 U	12 UJ	13 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	25.8 J	20.1 CN	11.1 CN J*
Acetone	µg/kg	50[AC] 500000[B]	***390 UJ***	6.6 UJ	7.3 UJ	5.9 UJ	***97 UJ***	8.9 UJ	12 UJ	5.6 UJ	6.0 UJ	-	6.0 UJ	***51.2 UJ***	49.5 UJ	42.3 UJ
Carbon Disulfide	µg/kg	100000[A] 500000[B] 1000000[C] 500000[D] 2700[E]	390 U	6.6 UJ	7.3 UJ	5.9 U	2.3 J	6.6 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	9.7 U	9.4 U	8.1 U
Xylene, m & p-	µg/kg	260[A] 500000[B] 1600[C]	***390 U***	6.6 UJ	7.3 UJ	5.9 U	6.9 UJ	6.6 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	13.2 U	12.8 U	10.9 U
Xylenes, Total	µg/kg	260[A] 500000[B] 1600[C]	***390 U***	6.6 UJ	7.3 UJ	5.9 U	6.9 UJ	6.6 U	7.0 U	5.6 UJ	6.0 U	-	6.0 UJ	-	-	-
Semi - Volatile Organic Compounds																
Acenaphthene	µg/kg	20000[A] 500000[B] 98000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	51.2 U	49.8 U	-
Anthracene	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	51.3 U	50.0 U	-
Benzo(a)anthracene	µg/kg	1000[A] 5600[B] 1000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	53.9 U	52.5 U	-
Benzo(a)pyrene	µg/kg	1000[A] 1000[B] 22000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	54.8 U	53.4 U	-
Benzo(b)fluoranthene	µg/kg	1000[A] 5600[B] 1700[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	43.8 U	42.6 U	-
Benzo(g,h,i)perylene	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	56.0 U	54.5 U	-
Benzo(k)fluoranthene	µg/kg	800[A] 56000[B] 1700[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	71.3 U	69.4 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000[A] 500000[B] 1000000[C] 500000[D] 435000[E]	160 J	-	240 J	-	-	-	-	360 U	390 U	-	390 U	53.6 U	52.1 U	-
Butyl Benzyl Phthalate	µg/kg	NS[A] 500000[B] 1000000[C] 500000[D] 122000[E]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	50.9 U	49.5 U	-
Carbazole	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	165 U	160 U	-
Chrysene	µg/kg	1000[A] 56000[B] 1000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	56.8 U	55.3 U	-
Dibenzo(a,h)anthracene	µg/kg	330[A] 560[B] 1000000[C]	***390 U***	-	***390 U***	-	-	-	-	***360 U***	***390 U***	-	***390 U***	52.0 U	50.6 U	-
Dibenzofuran	µg/kg	7000[A] 350000[B] 210000[C] 500000[D] 6200[E]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	52.2 U	50.8 U	-
Fluoranthene	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	56.3 U	54.8 U	-
Fluorene	µg/kg	30000[A] 500000[B] 386000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	56.0 U	54.5 U	-
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 5600[B] 8200[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	55.8 U	54.3 U	-
Isophorone	µg/kg	100000[A] 500000[B] 1000000[C] 500000[D] 4400[E]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	45.2 U	123 J	-
Methylnaphthalene, 1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	59.4 U	72.4 J	-
Methylnaphthalene, 2-	µg/kg	100000[A] 500000[B] 1000000[C] 500000[D] 36400[E]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	57.5 U	86.1 J	-
Naphthalene	µg/kg	12000[AC] 500000[B]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	56.2 U	462	-
Phenanthrene	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	53.8 U	64.6 J	-
Pyrene	µg/kg	100000[A] 500000[B] 1000000[C]	390 U	-	390 U	-	-	-	-	360 U	390 U	-	390 U	48.7 U	47.4 U	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern	Units	NYSDEC Soil Cleanup Objectives (SCOs)	AOC 6 - Paint Shop, and AOC 7 - Former Plating Area							AOC 8 - Former Spray Wash Area			AOC 10 - Sitewide Conditions			
Sample Location			PS-TB-1		PS-TB-2	AMSF-MW-26	7-TB-1		7-TB-2	AMSF-MW-27	SPW-TB-2		AMSF-MW-28	AMSF-MW-29	AMSF-MW-30	
Sample Date			9-Nov-12	9-Nov-12	9-Nov-12	1-May-13	9-Nov-12	9-Nov-12	9-Nov-12	7-May-13	8-May-13	8-May-13	1-May-13	15-May-13	14-May-13	14-May-13
Sample ID			PS-TB-1-2	PS-TB-1-1	PS-TB-2	MW-26-S-1	7-TB-1-1	7-TB-1-2	7-TB-2	MW-27-S-1	SPW-TB2-S-1	SPW-TB2-S-1D	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	MW-30-S-2
Sample Depth			2 - 4 ft	8 ft	2 - 4 ft	8 - 8.4 ft	2 - 3 ft	13.7 ft	2 - 4 ft	7.5 - 7.7 ft	8 ft	8 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	9 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order			L2407	L2407	L2408	M0688	L2407	L2407	L2407	M0716	M0716	M0716	M0688	SB70063	SB70063	SB70063
Laboratory Sample ID			L2407-20	L2407-19	L2408-01	M0688-03	L2407-16	L2407-17	L2407-18	M0716-06	M0716-09	M0716-09D	M0688-06	SB70063-04	SB70063-02	SB70063-03
Sample Type		Refer to notes on last page for explanation of letter codes										Lab Replicate				
General Chemistry																
Moisture Content	%	n/v	17	12	16	17	16	9.3 J	15	13	16	-	17	-	-	-
Percent Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	82.9	84.9	89.8
Total Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																
Antimony	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	0.95 J	-	0.67 J	0.36 UJ	0.60 J	-	0.64 J	0.38 UJ	0.29 UJ	0.2900 U	0.35 UJ	1.08 UJ	1.08 UJ	-
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	3.6 *	-	3.8	5.6	2.6 *	-	3.1 *	6.1	5.8	5.348	5.1	3.50	3.19	-
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	-	-	-	-	-	-	-	-	-	-	88.6	78.8 J	51.8 J	-
Beryllium	mg/kg	7.2^{A} 590^{B} 47^{C}	0.58	-	0.46	0.67	0.31	-	0.36	0.40	0.52	0.5353	0.38	0.574 J	0.426 J	-
Cadmium	mg/kg	2.5_{n}^{A} 9.3^{B} 7.5^{C}	0.25 B	-	0.31	0.48	0.24 B	-	0.28	0.26	0.31	0.3166	0.22 B	0.173 UJ	0.172 UJ	-
Chromium (Total)	mg/kg	$_{NS,a}^{ABC}$	17.7	-	16.8	23.6	8.6	-	9.8	18.9	21.2	21.65	19.8	16.5 J	13.0 J	-
Cobalt	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	7.1	6.20 J	4.36 J	-
Copper	mg/kg	50^{A} 270^{B} 1720^{C}	11.5 *	-	11.7	18.2	7.6 *	-	6.8 *	16.1	16.3	16.54	19.0	12.3	12.4	-
Lead	mg/kg	63_{n}^{A} 1000^{B} 450^{C}	10.5 *	-	11.1	7.7	10.5 *	-	11.5 *	6.7	7.1	7.488	7.1	7.09	7.09	-
Mercury	mg/kg	0.18_{n}^{A} 2.8_{x}^{B} 0.73^{C}	0.027 B	-	0.031 B	0.0065 B	0.046	-	0.021 B	0.0070 B	0.018 B	0.0247 B	0.020 B	0.0115 J	0.0294 J	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	18.0 *	-	15.5	30.0 J	8.5 *	-	9.8 *	23.1 J	23.2 J	23.09	17.9 J	15.7 J	10.4 J	-
Selenium	mg/kg	3.9_{n}^{A} 1500^{B} 4_{g}^{C}	1.5 B	-	0.58 U	1.6	1.2 B	-	0.92 B	1.9	1.5	1.410	2.3	0.506 U	0.503 U	-
Silver	mg/kg	2^{A} 1500^{B} 8.3^{C}	0.072 U	-	0.061 B	0.060 U	0.11 B	-	0.13 B	0.064 U	0.049 U	0.0500 U	0.059 U	0.508 U	0.505 U	-
Thallium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	0.47 J	-	0.20 UJ	1.0	0.28 J	-	0.22 UJ	1.1	0.93	1.024	0.21 B	0.996 U	0.990 U	-
Vanadium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	31.2	24.1	24.0	-
Zinc	mg/kg	109_{n}^{A} 10000_{e}^{B} 2480^{C}	48.6 J	-	45.9 J	**224 J^{A}**	32.9 J	-	37.8 J	47.7 J	50.2 J	50.82	54.1 J	40.8 J	25.8 J	-
Aluminum	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	**15300^{BCDE}**	-	**11600^{BCDE}**	**18000^{BCDE}**	8230	-	8880	**12900^{BCDE}**	**15200^{BCDE}**	**15510^{BCDE}**	**14300^{BCDE}**	**11500 J^{BCDE}**	8830 J	-
Iron	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	**22600^{BCDE}**	**20900 J^{BCDE}**	**19400 J^{BCDE}**	-
Magnesium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	4110	**15400 J^{BC}**	2970 J	-
Manganese	mg/kg	1600_{n}^{A} 10000_{e}^{B} 2000_{g}^{C}	-	-	-	-	-	-	-	-	-	-	254	387 J	394 J	-
Calcium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	-	-	-	-	-	-	-	-	-	-	4540	**57500 J^{BCDE}**	3310 J	-
Potassium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	1170	3060 J	1210 J	-
Sodium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	158	369 J	513 J	-
Poly Chlorinated Biphenyls (PCBs) - All Aroclors			-	-	-	-	-	-	-	-	-	-	ND	ND	ND	-
Pesticides																
BHC, beta-	µg/kg	36^{A} 3000^{B} 90^{C}	-	-	-	-	-	-	-	-	-	-	2.0 U	1.01 U	0.975 U	-
Dieldrin	µg/kg	5_{n}^{A} 1400^{B} 100^{C}	-	-	-	-	-	-	-	-	-	-	3.9 U	0.995 U	0.963 U	-
Endosulfan Sulfate	µg/kg	2400_{l}^{A} 200000_{l}^{B} 1000000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	3.9 U	1.11 U	1.08 U	-
Endrin Aldehyde	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	-	-	-	-	-	-	-	-	-	-	3.9 U	1.07 U	1.03 U	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 11 - Sitewide Conditions (Soil)							Other Areas		OU1 - Northwest Corner			
Sample Location			AOC11-TB-1		AOC11-TB-2		AOC11-TB-3			Other-TB-1		OU1-TB-MW-1		OU1-TB-MW-2	
Sample Date			3-May-13	3-May-13	1-May-13	1-May-13	3-May-13	3-May-13	3-May-13	9-Nov-12	9-Nov-12	9-Apr-14		7-Apr-14	7-Apr-14
Sample ID			AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2	AMSF-OU1-TB-MW-1	AMSF-OU1-TB-MW-1DUP	AMSF-OU1-TB-MW-2	AMSF-OU1-DUP
Sample Depth			0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft	4.0 - 5.0 ft		7.0 - 7.8 ft	7.0 - 7.8 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0716	M0716	M0688	M0688	M0716	M0716	M0716	L2407	L2407	N0572	N0572	N0572	N0572
Laboratory Sample ID			M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05	L2407-14	L2407-15	N0572-04	N0572-04DUP	N0572-02	N0572-03
Sample Type	Units	Refer to notes on last page for explanation of letter codes							Field Duplicate				Lab Replicate		Field Duplicate
Volatile Organic Compounds															
Tetrachloroethene (PCE)	µg/kg	1300^{AC} 150000^{B} 500000_{a}^{D}	-	5.5 UJ	-	3.9 J	-	6.3 UJ	6.2 UJ	6.2 U	16	5.5 U	-	5.9 U	5.0 U
Trichloroethene (TCE)	µg/kg	470^{AC} 200000^{B}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	-	5.9 U	5.0 U
Dichloroethene, cis-1,2-	µg/kg	250^{AC} 500000_{c}^{B}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	-	5.9 U	5.0 U
Trichloroethane, 1,1,1-	µg/kg	680^{AC} 500000_{c}^{B}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	8.6	5.5 U	-	5.9 U	5.0 U
Trichloroethane, 1,1,2-	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	-	5.9 U	5.0 U
Dichloroethane, 1,1-	µg/kg	270^{AC} 240000^{B}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	-	5.9 U	5.0 U
Dichloroethene, 1,1-	µg/kg	330^{AC} 500000_{c}^{B}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	-	5.9 U	5.0 U
Dioxane, 1,4-	µg/kg	100_{m}^{A} 130000^{B} 100_{f}^{C}	-	R	-	R	-	R	R	R	R	R	-	R	R
Methylene Chloride (Dichloromethane)	µg/kg	50^{AC} 500000_{c}^{B}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	10 U	7.3 U	5.5 U	-	2.4 JL	2.1 JL
Acetone	µg/kg	50^{AC} 500000_{c}^{B}	-	5.5 UJ	-	6.4 UJ	-	6.3 UJ	6.2 UJ	6.2 UJ	9.5 UJ	5.5 U	-	5.9 U	5.0 U
Carbon Disulfide	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C} 500000_{a}^{D} 2700^{E}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	-	5.9 U	5.0 U
Xylene, m & p-	µg/kg	260_{p}^{A} $500000_{c,p}^{B}$ 1600_{p}^{C}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	3.5 J	5.5 U	-	5.9 U	5.0 U
Xylenes, Total	µg/kg	260^{A} 500000_{c}^{B} 1600^{C}	-	5.5 UJ	-	6.4 U	-	6.3 UJ	6.2 UJ	6.2 U	3.5 J	5.5 U	-	5.9 U	5.0 U
Semi - Volatile Organic Compounds															
Acenaphthene	µg/kg	20000^{A} 500000_{c}^{B} 98000^{C}	380 U	360 U	390 U	400 U	220 J	420 U	400 U	400 U	370 U	-	-	-	-
Anthracene	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	380 U	360 U	390 U	400 U	440	420 U	400 U	400 U	370 U	-	-	-	-
Benzo(a)anthracene	µg/kg	1000_{n}^{A} 5600^{B} 1000_{g}^{C}	380 U	360 U	370 J	400 U	**1400^{AC}**	420 U	400 U	400 U	370 U	-	-	-	-
Benzo(a)pyrene	µg/kg	1000_{n}^{A} 1000_{g}^{B} 22000^{C}	380 U	360 U	320 J	400 U	**1300^{AB}**	420 U	400 U	400 U	370 U	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1000_{n}^{A} 5600^{B} 1700^{C}	380 U	360 U	410	400 U	**1700^{A}**	420 U	400 U	400 U	370 U	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100000^{A} 500000_{c}^{B} 1000000_{d}^{C}	380 U	360 U	190 J	400 U	890	420 U	400 U	400 U	370 U	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800_{n}^{A} 56000^{B} 1700^{C}	380 U	360 U	280 J	400 UJ	***990 U***	420 U	400 U	400 U	370 U	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C} 500000_{a}^{D} 435000^{E}	380 U	360 U	390 U	400 U	99 J	420 U	400 U	180 J	250 J	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	$_{NS}^{A}$ 500000_{c}^{B} 1000000_{d}^{C} 500000_{a}^{D} 122000^{E}	380 U	360 U	390 U	400 U	66 J	420 U	400 U	400 U	370 U	-	-	-	-
Carbazole	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	380 U	360 U	390 U	400 U	440	420 U	400 U	400 U	370 U	-	-	-	-
Chrysene	µg/kg	1000_{n}^{A} 56000^{B} 1000_{g}^{C}	380 U	360 U	440	400 U	**1800^{AC}**	420 U	400 U	400 U	370 U	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330_{m}^{A} 560^{B} 1000000_{d}^{C}	***380 U***	***360 U***	***390 UJ***	***400 UJ***	240 J	***420 U***	***400 U***	***400 U***	***370 U***	-	-	-	-
Dibenzofuran	µg/kg	7000^{A} 350000^{B} 210000^{C} 500000_{a}^{D} 6200^{E}	380 U	360 U	390 U	400 U	150 J	420 U	400 U	400 U	370 U	-	-	-	-
Fluoranthene	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	380 U	360 U	600	400 U	4400	420 U	400 U	400 U	370 U	-	-	-	-
Fluorene	µg/kg	30000^{A} 500000_{c}^{B} 386000^{C}	380 U	360 U	390 U	400 U	250 J	420 U	400 U	400 U	370 U	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500_{n}^{A} 5600^{B} 8200^{C}	380 U	360 U	150 J	400 U	**830^{A}**	420 U	400 U	400 U	370 U	-	-	-	-
Isophorone	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C} 500000_{a}^{D} 4400^{E}	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U	-	-	-	-
Methylnaphthalene, 1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C} 500000_{a}^{D} 36400^{E}	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U	-	-	-	-
Naphthalene	µg/kg	12000^{AC} 500000_{c}^{B}	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U	-	-	-	-
Phenanthrene	µg/kg	100000^{A} 500000_{c}^{B} 1000000_{d}^{C}	380 U	360 U	270 J	400 U	2800	420 U	400 U	400 U	370 U	-	-	-	-
Pyrene	µg/kg	100000^{A} 500000_{c}^{B} 1000000_{d}^{C}	380 U	360 U	610	400 U	2700	420 U	400 U	400 U	370 U	-	-	-	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Note: This table presents results for only those compounds which were detected in at least one of the samples listed. Refer to Tables A1 through A5 for results for analytes not detected in any samples.

Area of Concern			AOC 11 - Sitewide Conditions (Soil)							Other Areas		OU1 - Northwest Corner			
Sample Location			AOC11-TB-1		AOC11-TB-2		AOC11-TB-3			Other-TB-1		OU1-TB-MW-1		OU1-TB-MW-2	
Sample Date			3-May-13	3-May-13	1-May-13	1-May-13	3-May-13	3-May-13	3-May-13	9-Nov-12	9-Nov-12	9-Apr-14		7-Apr-14	7-Apr-14
Sample ID			AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2	AMSF-OU1-TB-MW-1	AMSF-OU1-TB-MW-1DUP	AMSF-OU1-TB-MW-2	AMSF-OU1-DUP
Sample Depth			0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft	4.0 - 5.0 ft		7.0 - 7.8 ft	7.0 - 7.8 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0716	M0716	M0688	M0688	M0716	M0716	M0716	L2407	L2407	N0572	N0572	N0572	N0572
Laboratory Sample ID			M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05	L2407-14	L2407-15	N0572-04	N0572-04DUP	N0572-02	N0572-03
Sample Type	Units	Refer to notes on last page for explanation of letter codes							Field Duplicate				Lab Replicate		Field Duplicate
General Chemistry															
Moisture Content	%	n/v	15	8.8	16	22	13	21	20	19	14	11	10.47	15	15
Percent Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	-	-	-	-	-	-	-	-	-	89	-	85	85
Metals															
Antimony	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	0.38 UJ	0.29 UJ	0.36 UJ	0.47 UJ	0.28 UJ	0.37 UJ	0.41 UJ	-	-	-	-	-	-
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	2.5	2.3	5.0	5.2	6.9	2.5	4.0	-	-	-	-	-	-
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	12.5	27.6	66.9	85.5	157	23.7	30.4	-	-	-	-	-	-
Beryllium	mg/kg	7.2^{A} 590^{B} 47^{C}	0.11 B	0.11 B	0.31	0.46	1.0	0.11 B	0.15 B	-	-	-	-	-	-
Cadmium	mg/kg	2.5_{n}^{A} 9.3^{B} 7.5^{C}	0.37	0.12 B	0.34	0.20 B	0.55	0.14 B	0.12 B	-	-	-	-	-	-
Chromium (Total)	mg/kg	$_{NS,a}^{ABC}$	9.2	6.6	12.1	20.5	30.7	6.7	6.4	-	-	-	-	-	-
Cobalt	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	2.7	3.5	7.5	7.9	15.1	4.2	3.8	-	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} 1720^{C}	15.8	12.2	12.2	17.6	19.8	17.3	13.7	-	-	-	-	-	-
Lead	mg/kg	63_{n}^{A} 1000^{B} 450^{C}	35.2	5.8	14.1	7.2	11.1	5.9	5.8	-	-	-	-	-	-
Mercury	mg/kg	0.18_{n}^{A} 2.8_{k}^{B} 0.73^{C}	0.069	0.027 B	0.035 B	0.015 B	0.033 B	0.0032 U	0.0030 U	-	-	-	-	-	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	7.4 J	7.3 J	14.1 J	18.7 J	**33.9 J^{A}**	8.9 J	7.8 J	-	-	-	-	-	-
Selenium	mg/kg	3.9_{n}^{A} 1500^{B} 4_{g}^{C}	0.64 U	0.63 B	1.7	3.1	3.1	1.1 B	0.70 U	-	-	-	-	-	-
Silver	mg/kg	2^{A} 1500^{B} 8.3^{C}	0.43 B	0.049 U	0.12 B	0.079 U	0.047 U	0.063 U	0.070 U	-	-	-	-	-	-
Thallium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	4.2	1.2	0.24 B	0.27 U	0.61 B	0.81 B	1.0 B	-	-	-	-	-	-
Vanadium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	8.2	11.4	15.4	32.0	37.3	11.5	13.3	-	-	-	-	-	-
Zinc	mg/kg	109_{n}^{A} 10000_{e}^{B} 2480^{C}	39.2 J	29.5 J	54.1 J	64.6 J	75.9 J	26.5 J	26.6 J	-	-	-	-	-	-
Aluminum	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	3390	3770	9060	**13900^{BCDE}**	**20800^{BCDE}**	4360	4330	-	-	-	-	-	-
Iron	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	9220	**10300^{BCDE}**	**15800^{BCDE}**	**23200^{BCDE}**	**39100^{BCDE}**	**12000^{BCDE}**	**12600^{BCDE}**	-	-	-	-	-	-
Magnesium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	**111000^{BC}**	**21600^{BC}**	4360	7690	9030	**16100^{BC}**	**22500^{BC}**	-	-	-	-	-	-
Manganese	mg/kg	1600_{n}^{A} 10000_{e}^{B} 2000_{g}^{C}	385	330	592	224	505	328	383	-	-	-	-	-	-
Calcium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C} 10000_{a}^{DE}	**195000^{BCDE}**	**74100^{BCDE}**	6010	**10300^{BCDE}**	6750	**55700^{BCDE}**	**78900^{BCDE}**	-	-	-	-	-	-
Potassium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	461	605	730	1450	2190	505	619	-	-	-	-	-	-
Sodium	mg/kg	$_{NS}^{A}$ 10000_{e}^{B} 10000_{d}^{C}	720	370	41.0 B	280	121	121 J	409 J	-	-	-	-	-	-
Poly Chlorinated Biphenyls (PCBs) - All Aroclors			ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-
Pesticides															
BHC, beta-	µg/kg	36^{A} 3000^{B} 90^{C}	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	2.1 U	-	-	-	-	-	-
Dieldrin	µg/kg	5_{n}^{A} 1400^{B} 100^{C}	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	4.1 U	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2400_{j}^{A} 200000_{j}^{B} 1000000_{d}^{C}	3.8 U	3.6 U	3.8 U	4.2 U	8.9 NJ	4.1 U	4.1 U	-	-	-	-	-	-
Endrin Aldehyde	µg/kg	100000_{a}^{A} 500000_{c}^{B} 1000000_{d}^{C}	3.8 U	3.6 U	3.8 U	4.2 U	4.0	4.1 U	4.1 U	-	-	-	-	-	-

See last page for notes.

Table 12
Summary of Soil Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Notes:

NYSDEC	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
D	Table 1 Supplemental Soil Cleanup Objectives - Commercial
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
15.2	Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
6.5^{A}	Concentration detected exceeds the standard indicated by the letter code.
56 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 56 µg/kg in this example).
56 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
ND	No PCBs were detected in this sample
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
NS	No SCO has been established for this compound.
NS,q^{AC}	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
NS,q^{B}	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium. For commercial use, these are 1500 and 400 mg/kg respectively.
a^{DE}	SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
a^{A}	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
b	Based on rural background study
b,s1	Based on rural background study. The value of 1.0 refers to SVOC analses while the 0.17b refers to VOC analyses.
c	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
c,p	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g^{BC}	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
j^{AB}	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
o^{ABC}	The criterion is applicable to total PCBs, and the individual Aroclors should be added for comparison.
*	Indicates analysis is not within the quality control limits.
B	For organic analytes, B indicates analyte was found in associated blank as well as in the sample. For metals, B indicates a trace concentration below the reporting limit.
CN	This compound is a common laboratory contaminant.
E	Result exceeded calibration range.
J	The reported result is an estimated value.
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
JL	The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	Indicates estimated non-detect.
R	The results for 1,4-Dioxane were rejected in samples in which it was not detected due to deficiencies in the ability to analyze the sample and meet quality control critera (a deficiency inherent in the methodology due to low instrument response associated with continuing calibration standards). The presence or absence of the analyte cannot be verified.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 1 (Former Degreaser Area) and former Spot-welder Wastewater Sump												Wells Downgradient of AOC 1					
Sample Location			AMSF-MW-20				AMSF-MW-21				AMSF-MW-22				AMSF-MW-29				AMSF-MW-34	
Sample Date			19-Jun-13	25-Sep-13	29-Jun-15	18-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	21-Jun-13	27-Sep-13	29-Jun-15	19-Aug-15	29-Jun-15	19-Aug-15
Laboratory Sample ID	Units	NYSDEC Water Quality Criteria	M1024-07	M1902-05	P1124-06	P1291-01	M1024-06	M1902-06	P1124-09	P1291-07	M1024-08	M1902-03	P1124-11	P1291-08	M1053-08	M1902-17	P1124-13	P1291-10	P1124-15	P1291-14
Volatile Organic Compounds																				
Tetrachloroethene (PCE)	µg/L	5[B]	**700 D**	**510 D**	**930**	**230**	**78 J**	**190 D**	**120**	**43**	**260 D**	**180**	**190**	**200**	**7.3**	**19 J**	**6.3**	**19**	**14**	**25**
Trichloroethene (TCE)	µg/L	5[B]	**15**	**11**	**14**	**9.9**	3.0 J	**8.6**	3.1 J	2.4 J	5.0 J	4.5 J	4.0 J	**5.6**	0.71 J	***20 U***	5.0 U	0.94 J	1.9 J	***20 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	1.1 J	0.93 J	1.4 J	1.4 J	5.0 U	0.92 J	5.0 U	5.0 U	0.71 J	1.1 J	1.2 J	1.7 J	5.0 U	***20 U***	5.0 U	5.0 U	2.7 J	***20 U***
Vinyl chloride	µg/L	2[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***20 U***	***5.0 U***	***5.0 U***	**11**	**3.1 J**
Trichloroethane, 1,1,1-	µg/L	5[B]	**120**	**90**	**120**	**58**	**31**	**420 D**	**23**	**25**	**27**	**20**	**10**	**25**	**54**	**380**	3.1 J	**86**	**410**	**210**
Trichloroethane, 1,1,2-	µg/L	1[B]	**1.5 J**	***5.0 U***	***5.0 U***	***5.0 U***	0.66 J	***5.0 U***	***5.0 U***	***5.0 U***	0.64 J	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***20 U***	***5.0 U***	***5.0 U***	***5.0 U***	***20 U***
Dichloroethane, 1,1-	µg/L	5[B]	**64**	**40**	**53**	**47**	**5.6**	**48**	4.6 J	**11**	**11**	**21**	**5.3**	**22**	2.7 J	**23**	5.0 U	**8.2**	**240**	**130**
Dichloroethene, 1,1-	µg/L	5[B]	**42**	**34**	**60**	**21**	**6.1**	**27**	**8.6**	**6**	**6.6**	**11**	5.0 U	**11**	1.2 J	**8.1 J**	5.0 U	3.0 J	**88**	**13 J**
Chloroethane	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	**15**	***20 U***
1,4-Dioxane by Method 8260	µg/L	n/v	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane by Method 8270 SIM	µg/L	n/v	-	-	16	19	-	-	1.1 U	4.9	-	-	0.71 U	4.9	-	-	0.1 U	1.2	1.8 U	4.4
Methylene Chloride	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	***20 U***
Chloroform	µg/L	7[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	***20 U***
Acetone	µg/L	50[A]	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	20 UJ	5.0 U	5.0 U	5.0 U	***20 U***
Toluene	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	***20 U***
Remaining TCL VOCs	µg/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	***20 U***
Semi-Volatile Organic Compounds																				
Caprolactam	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Remaining TCL SVOCs	µg/L		-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-
Poly Chlorinated Biphenyls (PCBs)			-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
TCL Pesticides			-	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
Metals																				
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	5.8 B	-	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	120 B	-	-	-	-	-
Cadmium	µg/l	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	0.89 U	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	1.6 B	-	-	-	2.2 B	-	-	-	-	-	-	-	1.4 B	-	-	-	-	-
Copper	µg/L	200[B]	4.0 B	-	-	-	3.6 U	-	-	-	-	-	-	-	4.3 B	-	-	-	-	-
Lead	µg/L	25[B]	4.2 U	-	-	-	4.2 U	-	-	-	-	-	-	-	4.2 U	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	-	-	0.040 B	-	-	-	-	-
Nickel	µg/L	100[B]	1.3 B	-	-	-	0.85 U	-	-	-	-	-	-	-	2.6 B	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	**18.8 B**	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	1.1 U	-	-	-	-	-
Zinc	µg/L	2000[A]	43.3 B	-	-	-	7.7 B	-	-	-	-	-	-	-	93.0	-	-	-	-	-
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	66.0 U	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	31.0 U	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	**39400**	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	140000	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	2610	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	-	-	-	-	-	-	**411000**	-	-	-	-	-

Note: This table presents results for compounds detected in at least one of the samples listed. Refer to Tables B1 through B5 for a complete summary of groundwater sample analysis results, including results for analytes not detected in any samples.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 2 - Former Drainage Swale					AOC 4 - Former Press Pit		AOC 7 - Former Plating Area						AOC 8 - Former Spray Wash Area	
Sample Location			AMSF-MW-23					AMSF-MW-25		AMSF-MW-26						AMSF-MW-27	
Sample Date			19-Jun-13	25-Sep-13	13-May-14	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	20-Jun-13	26-Sep-13			30-Jun-15	20-Aug-15	18-Jun-13	26-Sep-13
Laboratory Sample ID	Units	NYSDEC Water Quality Criteria	M1024-09	M1902-01	N0842-10	P1124-12	P1291-09	M1024-10	M1902-02	M1053-04	M1902-07	M1902-07D Lab Replicate	M1902-08 Field Duplicate	P1124-10	P1291-14	M1024-02	M1902-09
Volatile Organic Compounds																	
Tetrachloroethene (PCE)	µg/L	5[B]	**44**	**36**	**45**	**70**	**47**	**80 J**	**120**	**7.1**	4.0 J	-	4.1 B J	6.7	2.6 J	4.6 J	**6.3**
Trichloroethene (TCE)	µg/L	5[B]	1.4 J	0.88 J	1.4 J	1.5 J	1.7 J	1.6 J	2.4 J	1.2 J	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichloroethene, cis-1,2-	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.82 J	**7.4**	1.0 J	-	0.96 J	0.64 J	1.3 J	5.0 U	5.0 U
Vinyl chloride	µg/L	2[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	-	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***
Trichloroethane, 1,1,1-	µg/L	5[B]	**58**	**27**	**48**	**16**	**19**	**15**	**7.5**	**85**	**33**	-	**34**	**35**	**19**	**9.3**	**7.5**
Trichloroethane, 1,1,2-	µg/L	1[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	**5.7**	***5.0 U***	-	***5.0 U***	***5.0 U***	1.1 J	***5.0 U***	***5.0 U***
Dichloroethane, 1,1-	µg/L	5[B]	**7.1**	4.7 J	**6.6**	4.8 J	4.2 J	**6.3**	4.4 J	**29**	**7.3**	-	**7.4**	**9.3**	**7.5**	2.6 J	1.9 J
Dichloroethene, 1,1-	µg/L	5[B]	**11**	**6.4**	**6.7**	**7.5**	**5.9**	3.0 J	2.3 J	**28**	**9.2**	-	**8.8**	**12**	4.5 J	2.2 J	1.2 J
Chloroethane	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dioxane by Method 8260	µg/L	n/v	R	R	R	R	R	R	R	R	R	-	R	R	R	R	R
1,4-Dioxane by Method 8270 SIM	µg/L	n/v	-	-	-	3	4.6	-	-	-	-	-	-	8.2	25	-	-
Methylene Chloride	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	µg/L	7[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	50[A]	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	-	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Toluene	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Remaining TCL VOCs	µg/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Semi-Volatile Organic Compounds																	
Caprolactam	µg/L	n/v	-	-	-	-	-	10 U	-	-	-	-	-	-	-	3.8 J	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Remaining TCL SVOCs	µg/L		-	-	-	-	-	10 U	-	-	-	-	-	-	-	10 U	-
Poly Chlorinated Biphenyls (PCBs)			-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-
TCL Pesticides			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																	
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	4.3 U	4.3 U	4.300 U	4.3 U	-	-	8.0 B	4.3 U
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/l	5[B]	-	-	-	-	-	-	-	2.3 B	0.89 U	0.8900 U	0.89 U	-	-	0.89 U	0.89 U
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	17.5 B	0.64 U	0.6400 U	0.64 U	-	-	0.64 U	0.64 U
Copper	µg/L	200[B]	-	-	-	-	-	-	-	34.1	3.9 B	3.600 U	4.0 B	-	-	5.5 B	3.6 U
Lead	µg/L	25[B]	-	-	-	-	-	-	-	**82**	4.2 U	4.200 U	4.2 U	-	-	4.2 U	4.2 U
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	0.090 B	0.028 U	0.0280 U	0.028 U	-	-	0.028 U	0.028 U
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	19.6 B	2.4 B	2.839 B	3.1 B	-	-	2.6 B	2.5 B
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	**23.9**	***12.0 U***	***12.00 U***	***12.0 U***	-	-	***12.0 U***	***12.0 U***
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	1020	108	108.0	109	-	-	89.6	99.6
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	8580	66.0 U	66.00 U	66.0 U	-	-	70.9 B	66.0 U
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: This table presents results for compounds detected in at least one of the samples listed. Refer to Tables B1 through B5 for a complete summary of groundwater sample analysis results, including results for analytes not detected in any samples.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			Other Areas						
Sample Location			AMSF-MW-31						
Sample Date			18-Jun-13	25-Sep-13	13-May-14	29-Jun-15		19-Aug-15	
Laboratory Sample ID	Units	NYSDEC Water Quality Criteria	M1024-03	M1902-04	N0842-09	P1124-14	P1124-17 Field Duplicate	P1291-11	P1291-18 Field Duplicate
Volatile Organic Compounds									
Tetrachloroethene (PCE)	µg/L	5[B]	**5.5 J**	**20**	5.0 U	0.99 J	5.0 U	1.1 J	0.89 J
Trichloroethene (TCE)	µg/L	5[B]	2.2 J	2.2 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichloroethene, cis-1,2-	µg/L	5[B]	1.2 J	0.62 J	5.0 U	0.62 J	5.0 U	5.0 U	5.0 U
Vinyl chloride	µg/L	2[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	0.82 J
Trichloroethane, 1,1,1-	µg/L	5[B]	**91**	**110**	**10**	1.9 J	4.1 J	1.3 J	2.9 J
Trichloroethane, 1,1,2-	µg/L	1[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***
Dichloroethane, 1,1-	µg/L	5[B]	**23**	**29**	**25**	**21**	**21**	**13**	**20**
Dichloroethene, 1,1-	µg/L	5[B]	**7.1**	**6**	5.0 U	5.0 U	5.0 U	5.0 U	0.80 J
Chloroethane	µg/L	5[B]	3.3 J	5.0 U	3.4 J	5.0 U	5.0 U	5.0 U	2.6 J
1,4-Dioxane by Method 8260	µg/L	n/v	R	R	R	R	R	R	R
1,4-Dioxane by Method 8270 SIM	µg/L	n/v	-	-	-	1 U	0.96 U	4.4	4.2
Methylene Chloride	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	µg/L	7[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	50[A]	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Remaining TCL VOCs	µg/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Semi-Volatile Organic Compounds									
Caprolactam	µg/L	n/v	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	-
Remaining TCL SVOCs	µg/L		-	-	-	-	-	-	-
Poly Chlorinated Biphenyls (PCBs)			-	-	-	-	-	-	-
TCL Pesticides			-	-	-	-	-	-	-
Metals									
Arsenic	µg/L	25[B]	-	4.3 U	-	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-
Cadmium	µg/l	5[B]	-	0.89 U	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	0.64 U	-	-	-	-	-
Copper	µg/L	200[B]	-	3.6 U	-	-	-	-	-
Lead	µg/L	25[B]	-	4.2 U	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	0.028 U	-	-	-	-	-
Nickel	µg/L	100[B]	-	3.7 B	-	-	-	-	-
Selenium	µg/L	10[B]	-	***12.0 U***	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	84.5	-	-	-	-	-
Aluminum	µg/L	n/v	-	66.0 U	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	-

Note: This table presents results for compounds detected in at least one of the samples listed. Refer to Tables B1 through B5 for a complete summary of groundwater sample analysis results, including results for analytes not detected in any samples.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			OU1 - Northwest Corner													
Sample Location			AMSF-MW-32			AMSF-MW-33				AMSF-MW-1S				AMSF-MW-7			
Sample Date			13-May-14	26-Jun-15	19-Aug-15	13-May-14		26-Jun-15	19-Aug-15	20-Jun-13	26-Sep-13	29-Jun-15	18-Aug-15	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15
Laboratory Sample ID	Units	NYSDEC Water Quality Criteria	N0842-06	P1124-04	P1291-12	N0842-07	N0842-08 Field Duplicate	P1124-05	P1291-13	M1053-06	M1902-12	P1124-06	P1291-01	M1902-13	N0842-04	P1124-03	P1291-02
Volatile Organic Compounds																	
Tetrachloroethene (PCE)	µg/L	5[B]	**7.4**	**11**	**9.5**	5.0 U	5.0 U	***50 U***	***100 U***	5.0 U	***200 U***	5.0 U	5.0 U	***200 U***	5.0 U	5.0 U	5.0 U
Trichloroethene (TCE)	µg/L	5[B]	**8**	**11**	**9.4**	**15**	**16**	**8.2 J**	**13 J**	0.82 J	***200 U***	2.9 J	5.0 U	***200 U***	5.0 U	5.0 U	5.0 U
Dichloroethene, cis-1,2-	µg/L	5[B]	2.8 J	**7.2**	**5.6**	2.5 J	2.5 J	***50 U***	***100 U***	0.67 J	***200 U***	0.83 J	5.0 U	***200 U***	5.0 U	5.0 U	1.4 J
Vinyl chloride	µg/L	2[B]	1.5 J	***5.0 U***	***5.0 U***	2.0 J	**2.2 J**	***50 U***	***100 U***	**2.2 J**	***200 U***	**4.9 J**	1.3 J	***200 U***	0.97 J	***5.0 U***	2.1 J
Trichloroethane, 1,1,1-	µg/L	5[B]	**690 D**	**640**	**340**	**2700 D**	**2800 D**	**1900**	**3600**	**140 J**	**4900**	**370**	**49**	**5900**	**10**	5.0 U	**11**
Trichloroethane, 1,1,2-	µg/L	1[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***50 U***	***100 U***	***5.0 U***	***200 U***	***5.0 U***	***5.0 U***	***200 U***	***5.0 U***	***5.0 U***	***5.0 U***
Dichloroethane, 1,1-	µg/L	5[B]	**160**	**110**	**100**	**370 D**	**380 D**	**190**	**380**	**19 J**	**320**	**95**	**34**	**32 J**	**8.4**	**6.5**	**17**
Dichloroethene, 1,1-	µg/L	5[B]	**27**	**170**	**42**	**54**	**54**	**360**	**34 J**	**13 J**	**63 J**	***50 UD***	4.6 J	**65 J**	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5[B]	4.3 J	5.0 U	5.0 U	3.1 J	5.0 U	***50 U***	***100 U***	5.0 U	***200 U***	5.0 U	5.0 U	***200 U***	1.5 J	5.0 U	**9**
1,4-Dioxane by Method 8260	µg/L	n/v	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane by Method 8270 SIM	µg/L	n/v	-	42	44	-	-	0.44 U	0.44	-	-	2.7	0.43	-	-	0.25 U	0.25
Methylene Chloride	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***50 U***	***100 U***	5.0 U	***200 U***	5.0 U	5.0 U	***200 U***	5.0 U	5.0 U	5.0 U
Chloroform	µg/L	7[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***50 U***	***100 U***	5.0 U	***200 U***	5.0 U	5.0 U	***200 U***	5.0 U	5.0 U	5.0 U
Acetone	µg/L	50[A]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***50 U***	***100 U***	5.0 UJ	***200 UJ***	5.0 U	5.0 U	***200 UJ***	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***50 U***	***100 U***	5.0 U	***200 U***	5.0 U	5.0 U	***200 U***	5.0 U	5.0 U	5.0 U
Remaining TCL VOCs	µg/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***50 U***	***100 U***	5.0 U	***200 U***	5.0 U	5.0 U	***200 U***	5.0 U	5.0 U	5.0 U
Semi-Volatile Organic Compounds																	
Caprolactam	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remaining TCL SVOCs	µg/L		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poly Chlorinated Biphenyls (PCBs)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCL Pesticides			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																	
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/l	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: This table presents results for compounds detected in at least one of the samples listed. Refer to Tables B1 through B5 for a complete summary of groundwater sample analysis results, including results for analytes not detected in any samples.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			OU1 - Northwest Corner (continued)								AOC 10 (Sitewide Conditions) - West Side of Site				
Sample Location			AMSF-MW-13S			AMSF-MW-16I			RW-2	RW-3	AMSF-MW-9S				
Sample Date		NYSDEC Water Quality Criteria	12-May-14	26-Jun-15	18-Aug-15	12-May-14	26-Jun-15	18-Aug-15	20-Aug-15	20-Aug-15	18-Jun-13	27-Sep-13	13-May-14	29-Jun-15	18-Aug-15
Laboratory Sample ID	Units		N0842-02	P1124-02	P1291-04	N0842-03	P1124-01	P1291-05	P1291-16	P1291-17	M1024-04	M1902-15	N0842-05	P1124-07	P1291-03
Volatile Organic Compounds															
Tetrachloroethene (PCE)	µg/L	5[B]	5.0 U	**5.8**	0.98 J	5.0 U	5.0 U	5.0 U	**5.8 J**	1.5 J	**77 J**	**66**	**73**	**32**	**19**
Trichloroethene (TCE)	µg/L	5[B]	**22**	**20**	**15**	**5.7**	**6.2**	**5.3**	5.0 J	1.7 J	**57**	**60**	**56**	**21**	**11**
Dichloroethene, cis-1,2-	µg/L	5[B]	3.0 J	9.2	4.1 J	1.5 J	1.6 J	1.2 J	3.9 J	1.0 J	**80**	**79**	**83**	**35**	**20**
Vinyl chloride	µg/L	2[B]	**2.9 J**	***5.0 U***	**5.3**	***5.0 U***	***5.0 U***	***5.0 U***	***20 U***	***5.0 U***	1.2 J	***40 U***	1.1 J	***5.0 U***	***5.0 U***
Trichloroethane, 1,1,1-	µg/L	5[B]	**2300 D**	**1300**	**790**	**1600 D**	**1600**	**910**	**520**	**150**	**520 D**	**930**	**410 D**	**270**	**160**
Trichloroethane, 1,1,2-	µg/L	1[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***20 U***	***5.0 U***	**4.2 J**	***40 U***	**4.1 J**	***5.0 U***	**1.9 J**
Dichloroethane, 1,1-	µg/L	5[B]	**220 D**	**190**	**170**	**120**	**180**	**170**	**23**	**31**	**120**	**130**	**130**	**71**	**38**
Dichloroethene, 1,1-	µg/L	5[B]	**22**	**200**	**21**	**8.2**	**300**	**9.1**	**20 J**	**5.7**	**80**	**53**	**60**	**66**	**19**
Chloroethane	µg/L	5[B]	**6.9**	5.0 U	**13**	5.0 U	5.0 U	5.0 U	***20 U***	3.0 J	4.9 J	***40 U***	4.5 J	5.0 U	5.0 U
1,4-Dioxane by Method 8260	µg/L	n/v	R	R	R	R	R	R	R	R	R	R	270 J	R	100 J
1,4-Dioxane by Method 8270 SIM	µg/L	n/v	-	19	9.1	-	0.17 U	0.10 U	12	12	-	-	-	64	66
Methylene Chloride	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	***40 U***	5.0 U	5.0 U	5.0 U
Chloroform	µg/L	7[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	0.50 J	***40 U***	5.0 U	5.0 U	5.0 U
Acetone	µg/L	50[A]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	**180**	5.0 UJ	40 UJ	5.0 U	5.0 U	5.0 U
Toluene	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	***40 U***	5.0 U	5.0 U	5.0 U
Remaining TCL VOCs	µg/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	***40 U***	5.0 U	5.0 U	5.0 U
Semi-Volatile Organic Compounds															
Caprolactam	µg/L	n/v	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	-	-	10 U	-	-	-	-
Remaining TCL SVOCs	µg/L		-	-	-	-	-	-	-	-	10 U	-	-	-	-
Poly Chlorinated Biphenyls (PCBs)			-	-	-	-	-	-	-	-	ND	-	-	-	-
TCL Pesticides			-	-	-	-	-	-	-	-	ND	-	-	-	-
Metals															
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	4.3 U	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	191 B	-	-	-	-
Cadmium	µg/l	5[B]	-	-	-	-	-	-	-	-	1.2 B	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	1.6 B	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	9.9 B	-	-	-	-
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	7.6 B	-	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	0.028 U	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	4.5 B	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	***12.0 U***	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	1.4 B	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	196	-	-	-	-
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	610	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	**1190**	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	**53800**	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	156	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	177000	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	3330	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	-	-	**699000**	-	-	-	-

Note: This table presents results for compounds detected in at least one of the samples listed. Refer to Tables B1 through B5 for a complete summary of groundwater sample analysis results, including results for analytes not detected in any samples.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 10 (Sitewide Conditions) - South Side of Site						AOC 10 (Sitewide Conditions) - East Side of Site											
Sample Location			AMSF-MW-3S		AMSF-MW-4		AMSF-MW-10		AMSF-MW-28			AMSF-MW-29				AMSF-MW-30			AMSF-MW-34	
Sample Date			20-Jun-13	26-Sep-13	18-Jun-13	27-Sep-13	20-Jun-13	26-Sep-13	21-Jun-13		27-Sep-13	21-Jun-13	27-Sep-13	29-Jun-15	19-Aug-15	21-Jun-13		27-Sep-13	29-Jun-15	19-Aug-15
Laboratory Sample ID	Units	NYSDEC Water Quality Criteria	M1053-01	M1902-11	M1024-05	M1902-14	M1053-03	M1902-10	M1053-07	M1053-07D Lab Replicate	M1902-16	M1053-08	M1902-17	P1124-13	P1291-10	M1053-09	M1053-10 Field Duplicate	M1902-18	P1124-15	P1291-14
Volatile Organic Compounds																				
Tetrachloroethene (PCE)	µg/L	5[B]	**70**	**45**	5.0 UJ	1.5 J	**50**	**25**	**5.7**	-	**5.7**	**7.3**	**19 J**	**6.3**	**19**	5.0 U	5.0 U	5.0 U	**14**	**25**
Trichloroethene (TCE)	µg/L	5[B]	1.8 J	1.5 J	0.67 J	0.65 J	1.4 J	0.62 J	5.0 U	-	5.0 U	0.71 J	***20 U***	5.0 U	0.94 J	5.0 U	5.0 U	5.0 U	1.9 J	***20 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	0.76 J	4.2 J	3.5 J	1.3 J	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.7 J	***20 U***
Vinyl chloride	µg/L	2[B]	***5.0 U***	0.77 J	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	-	***5.0 U***	***5.0 U***	***20 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	**11**	**3.1 J**
Trichloroethane, 1,1,1-	µg/L	5[B]	3.7 J	2.8 J	1.2 J	**10**	2.1 J	2.7 J	5.0 U	-	5.0 U	**54**	**380**	3.1 J	**86**	**13 J**	**13 J**	**58**	**410**	**210**
Trichloroethane, 1,1,2-	µg/L	1[B]	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	-	***5.0 U***	***5.0 U***	***20 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***5.0 U***	***20 U***
Dichloroethane, 1,1-	µg/L	5[B]	5.0 U	0.68 J	**12**	**9.4**	0.72 J	0.93 J	5.0 U	-	5.0 U	2.7 J	**23**	5.0 U	**8.2**	5.0 U	5.0 U	1.5 J	**240**	**130**
Dichloroethene, 1,1-	µg/L	5[B]	5.0 U	5.0 U	0.86 J	0.59 J	5.0 U	5.0 U	5.0 U	-	5.0 U	1.2 J	**8.1 J**	5.0 U	3.0 J	5.0 U	5.0 U	1.9 J	**88**	**13 J**
Chloroethane	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**15**	***20 U***
1,4-Dioxane by Method 8260	µg/L	n/v	R	R	R	R	R	R	R	-	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane by Method 8270 SIM	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.1 U	1.2	-	-	-	1.8 U	4.4
Methylene Chloride	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***
Chloroform	µg/L	7[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***
Acetone	µg/L	50[A]	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	-	5.0 UJ	5.0 UJ	20 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	***20 U***
Toluene	µg/L	5[B]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***
Remaining TCL VOCs	µg/L		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	***20 U***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***20 U***
Semi-Volatile Organic Compounds																				
Caprolactam	µg/L	n/v	-	-	-	-	-	-	10 U	-	-	10 U	-	-	-	10 U	10 U	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	10 U	-	-	10 U	-	-	-	10 U	10 U	-	-	-
Remaining TCL SVOCs	µg/L		-	-	-	-	-	-	10 U	-	-	10 U	-	-	-	10 U	10 U	-	-	-
Poly Chlorinated Biphenyls (PCBs)			-	-	-	-	-	-	ND	-	-	ND	-	-	-	ND	ND	-	-	-
TCL Pesticides			-	-	-	-	-	-	ND	-	-	ND	-	-	-	ND	ND	-	-	-
Metals																				
Arsenic	µg/L	25[B]	-	-	-	4.3 U	-	-	4.4 B	5.364 B	-	5.8 B	-	-	-	4.3 U	4.3 U	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	57.2 B	57.22 B	-	120 B	-	-	-	158 B	162 B	-	-	-
Cadmium	µg/l	5[B]	-	-	-	0.89 U	-	-	0.89 U	0.8900 U	-	0.89 U	-	-	-	0.89 U	0.89 U	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	0.64 U	-	-	1.6 B	5.528 B	-	1.4 B	-	-	-	0.81 B	1.0 B	-	-	-
Copper	µg/L	200[B]	-	-	-	3.6 U	-	-	3.9 B	3.600 U	-	4.3 B	-	-	-	8.9 B	3.6 U	-	-	-
Lead	µg/L	25[B]	-	-	-	4.2 U	-	-	4.2 U	4.200 U	-	4.2 U	-	-	-	4.2 U	4.2 U	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	0.028 U	-	-	0.033 B	0.0362 B	-	0.040 B	-	-	-	0.039 B	0.039 B	-	-	-
Nickel	µg/L	100[B]	-	-	-	3.6 B	-	-	2.6 B	5.234 B	-	2.6 B	-	-	-	2.6 B	2.7 B	-	-	-
Selenium	µg/L	10[B]	-	-	-	***12.0 U***	-	-	**14.7 B**	**18.89 B**	-	**18.8 B**	-	-	-	**24.9 B**	**14.4 B**	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	1.1 U	1.100 U	-	1.1 U	-	-	-	1.1 U	1.1 U	-	-	-
Zinc	µg/L	2000[A]	-	-	-	115	-	-	94.6	85.90	-	93.0	-	-	-	139	142	-	-	-
Aluminum	µg/L	n/v	-	-	-	66.0 U	-	-	66.0 U	66.00 U	-	66.0 U	-	-	-	66.0 U	66.0 U	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	33.9 B	39.15 B	-	31.0 U	-	-	-	31.0 U	31.0 U	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	25100	25010	-	**39400**	-	-	-	**64900**	**66800**	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	10.0 U	10.00 U	-	10.0 U	-	-	-	18.2 B	17.7 B	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	86600	88730	-	140000	-	-	-	215000	223000	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	1400	1398	-	2610	-	-	-	3670	3770	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	**209000**	**207500**	-	**411000**	-	-	-	**588000**	**596000**	-	-	-

Note: This table presents results for compounds detected in at least one of the samples listed. Refer to Tables B1 through B5 for a complete summary of groundwater sample analysis results, including results for analytes not detected in any samples.

Table 13
Summary of Groundwater Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Explanation of NYSDEC Water Quality Criteria letter codes and notes:

A	Guidance Value from Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1)
B	Standard from TOGS 1.1.1
*	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
**	The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
n/v	No standard or guidance value established

Results key:

15.2	Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
6.5	Concentration detected exceeds the applicable TOGS 1.1.1 standard or guidance value.
5.0 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 5.0 µg/L in this example).
5.0 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
ND	No analytes were detected in the analysis of PCBs or Pesticides in this sample
-	Parameter not analyzed.
B	For organic analytes, B indicates analyte was found in associated blank as well as in the sample. For metals, B indicates a trace concentration below the reporting limit.
D	Indicates that the reported result is from a reanalysis of the sample with additional dilution to address exceedance of instrument calibration range for this compound in the initial analysis.
J	The reported result is an estimated value.
UJ	Indicates estimated non-detect.
R	The results for 1,4-Dioxane were rejected in samples in which it was not detected due to deficiencies in the ability to analyze the sample and meet quality control critera (a deficiency inherent in the methodology due to low instrument response associated with continuing calibration standards). The presence or absence of the analyte cannot be verified.

Table 14
Summary of Soil Vapor Screening Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		AOC 1 - Former Degreaser Area																		
Sample Location		**DG-1**	**DG-2**	**DG-3**	**DG-4**	**DG-5N**	**DG-6**	**DG-7**	**DG-8**	**DG-9**	**DG-10**		**DG-11**	**DG-12**	**DG-13**	**DG-14**	**DG-15**	**DG-16**	**DG-17**	**DG-18**
Sample Date		**27-Jun-12**	**27-Jun-12**	**27-Jun-12**	**27-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**
Sample ID		**AM-SV-DG1-A**	**AM-SV-DG2-A**	**AM-SV-DG3-A**	**AM-SV-DG4-A**	**AM-SV-DG5N-A**	**AM-SV-DG6-A**	**AM-SV-DG7-A**	**AM-SV-DG8-A**	**AM-SV-DG9-A**	**AM-SV-DG10-A**	**AM-SV-DGDUP-A**	**AM-SV-DG11-A**	**AM-SV-DG12-A**	**AM-SV-DG13-A**	**AM-SV-DG14-A**	**AM-SV-DG15-A**	**AM-SV-DG16-A**	**AM-SV-DG17-A**	**AM-SV-DG18-A**
Sampling Company		**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**
Laboratory		**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**
Laboratory Work Order		**12:2724**	**12:2724**	**12:2724**	**12:2724**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**
Laboratory Sample ID		**12:2724-01**	**12:2724-02**	**12:2724-03**	**12:2724-04**	**12:2750-01**	**12:2750-02**	**12:2750-03**	**12:2750-04**	**12:2750-05**	**12:2750-06**	**12:2750-26**	**12:2750-07**	**12:2750-08**	**12:2750-09**	**12:2750-10**	**12:2750-11**	**12:2750-12**	**12:2750-13**	**12:2750-29**
Sample Type	**Units**											**Field Duplicate**								
Volatile Organic Compounds																				
Principal Chlorinated Ethenes and Chlorinated Ethanes																				
Tetrachloroethene (PCE)	mg/m3	2.52	1.68 JE	2.00 U	5.98	833	26.5	7.18	52.2	12.6	4.17	1.37 JE	57.8	115	11.4	104	21.9	12.4	13.5	6.87
Trichloroethene (TCE)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.15 JE	2.00 U	1.31 JE	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl chloride	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	5.10	1.26 JE	2.00 U	2.00 U	1.01 JE	2.19	2.00 U	1.69 JE	1.65 JE	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	1.09 JE	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Other VOCs																				
Carbon Tetrachloride (Tetrachloromethane)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dioxane, 1,4-	mg/m3	20.0 U	20.0 U	20.0 U	20.0 U	200 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Acetone	mg/m3	10.0 U	10.0 U	6.67 JE	10.0 U	100 U	8.97 JE B	17.6 B	28.6 B	26.7 B	26.4 B	10.0 U	26.8 B	17.7 B	25.8 B	20.4 B	23.9 B	10.0 U	10.0 U	10.0 U
Benzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromodichloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Disulfide	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Cyclohexane	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	100 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	100 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromochloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylbenzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Hexanone, 2- (Methyl Butyl Ketone)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Acetate	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.77	1.45 JE	1.88 JE	2.00 U	2.32	2.44	1.61 JE	2.00 U	1.58 JE	2.00 U	1.04 JE	2.11	1.21 JE	1.37 JE
Methyl Ethyl Ketone (MEK)	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	100 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Styrene	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	20.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

See last page for notes.

Table 14
Summary of Soil Vapor Screening Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		AOC 2 - Former Drainage Swale								AOC 3 - East Side Sanitary Sewer												
Sample Location		SW-1		SW-2	SW-3	SW-4	SW-5	SW-7	SW-8	SEW-1	SEW-2	SEW-3	SEW-4	SEW-5	SEW-6	SEW-7	SEW-8	SEW-9	SEW-10	SEW-11	SEW-12	SEW-13
Sample Date		28-Jun-12	28-Jun-12	29-Jun-12	27-Jun-12	27-Jun-12	28-Jun-12	28-Jun-12	28-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12	27-Jun-12
Sample ID		AM-SV-SW1-A	AM-SV-SWDUP-A	AM-SV-SW2-A	AM-SV-SW3-A	AM-SV-SW4-A	AM-SV-SW5-A	AM-SV-SW7-A	AM-SV-SW8-A	AM-SV-SEW1-A	AM-SV-SEW2-A	AM-SV-SEW3-A	AM-SV-SEW4-A	AM-SV-SEW5-A	AM-SV-SEW6-A	AM-SV-SEW7-A	AM-SV-SEW8-A	AM-SV-SEW9-A	AM-SV-SEW10-A	AM-SV-SEW11-A	AM-SV-SEW12-A	AM-SV-SEW13-A
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		12:2750	12:2750	12:2762	12:2724	12:2724	12:2750	12:2750	12:2750	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724	12:2724
Laboratory Sample ID		12:2750-14	12:2750-27	12:2762-01	12:2724-05	12:2724-06	12:2750-15	12:2750-16	12:2750-17	12:2724-07	12:2724-08	12:2724-09	12:2724-10	12:2724-11	12:2724-12	12:2724-13	12:2724-14	12:2724-15	12:2724-16	12:2724-17	12:2724-18	12:2724-19
Sample Type	**Units**		Field Duplicate																			
Volatile Organic Compounds																						
Principal Chlorinated Ethenes and Chlorinated Ethanes																						
Tetrachloroethene (PCE)	mg/m3	7.59	3.47	13.3	9.85	156	1.92 JE	1.90 JE	3.13	37.9	35.9	10.4	5.35	52.3	19.5	170	5.46	2.66	1.78 JE	1.15 JE	1.56 JE	1.01 JE
Trichloroethene (TCE)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	3.84	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl chloride	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.55	2.00 U	2.00 U	2.00 U	1.12 JE	2.00 U	2.00 U	2.00 U	1.22 JE	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	3.31	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	mg/m3	1.46 JE	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Other VOCs																						
Carbon Tetrachloride (Tetrachloromethane)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dioxane, 1,4-	mg/m3	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Acetone	mg/m3	8.71 JE B	10.0 U	10.0 U	7.60 JE	10.0 U	5.45 JE B	29.6 B	22.2 B	8.25 JE	5.78 JE	9.85 JE	9.92 JE	9.61 JE	10.0 U	8.45 JE	10.0 U	8.96 JE	10.0 U	6.79 JE	9.75 JE	5.49 JE
Benzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromodichloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Disulfide	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Cyclohexane	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromochloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.42
Dichloroethane, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylbenzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Hexanone, 2- (Methyl Butyl Ketone)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Acetate	mg/m3	2.00 U	2.00 U	2.00 U	6.47	2.00 U	2.00 U	2.00 U	2.00 U	4.31	5.43	2.00 U	4.72	2.00 U	4.50	2.00 U	1.56 JE	1.31 JE	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Styrene	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

See last page for notes.

Table 14
Summary of Soil Vapor Screening Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

		AOC 6 - Former Paint Shop								
Sample Location		**PS-1**	**PS-2**	**PS-3**	**PS-4**	**PS-5**	**PS-6**	**PS-7**	**PS-8**	
Sample Date		**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**	**28-Jun-12**
Sample ID		**AM-SV-PS1-A**	**AM-SV-PS2-A**	**AM-SV-PS3-A**	**AM-SV-PS4-A**	**AM-SV-PS5-A**	**AM-SV-PS6-A**	**AM-SV-PS7-A**	**AM-SV-PS8-A**	**AM-SV-PSDUP-A**
Sampling Company		**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**
Laboratory		**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**
Laboratory Work Order		**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**	**12:2750**
Laboratory Sample ID		**12:2750-18**	**12:2750-19**	**12:2750-20**	**12:2750-21**	**12:2750-22**	**12:2750-23**	**12:2750-24**	**12:2750-25**	**12:2750-28**
Sample Type	**Units**									**Field Duplicate**
Volatile Organic Compounds										
Principal Chlorinated Ethenes and Chlorinated Ethanes										
Tetrachloroethene (PCE)	mg/m3	1.54 JE	2.00 U	1.07 JE	3.82	2.00 U	2.00 U	2.20	1.76 JE	1.54 JE
Trichloroethene (TCE)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	7.72	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl chloride	mg/m3	2.00 U	2.00 U	2.00 U	32.9	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	6.01	4.20	45.2	2.85	2.13
Dichloroethane, 1,1-	mg/m3	2.00 U	2.00 U	2.00 U	3.66	7.02	26.2	61.3	1.78 JE	1.01 JE
Dichloroethene, 1,1-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	1.95 JE	8.99	8.72	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	mg/m3	2.00 U	2.00 U	2.00 U	3.24	2.00 U	7.58	2.00 U	2.00 U	2.00 U
Other VOCs										
Carbon Tetrachloride (Tetrachloromethane)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dioxane, 1,4-	mg/m3	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Acetone	mg/m3	23.3 B	13.6 B	25.8 B	10.0 U	16.1 B	7.56 JE B	10.0 U	10.0 U	10.0 U
Benzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromodichloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Disulfide	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Cyclohexane	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromochloromethane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylbenzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Hexanone, 2- (Methyl Butyl Ketone)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Acetate	mg/m3	1.54 JE	1.62 JE	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	mg/m3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Styrene	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	mg/m3	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,2-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	mg/m3	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Notes:

15.2	The compound was detected at the concentration shown.
2.00 U	The analyte was not detected above the laboratory's reportable detection limit shown (2.00 mg/m3 in this example).
JE	Estimated concentration below laboratory reporting limit.
B	The analyte was found in an associated blank as well as in the sample.

Table 15
Summary of Analysis Results for Downgradient Boundary Soil Vapor Samples
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		AOC 10 - Sitewide Conditions					
Sample Location		AOC10-SV-1	AOC10-SV-2		AOC10-SV-3	AOC10-SV-4	
Sample Date		21-Jun-13	27-Sep-13	27-Sep-13	27-Sep-13	21-Jun-13	21-Jun-13
		AOC10-SV-1	AOC10-SV-2	AOC10-SV-2X	AOC10-SV-3	AOC10-SV-4	AOC10-SV-4Y
Sample ID		AOC10-SV-1	AMSF-AOC10-SV-2-A-9/27/13	AMSF-AOC10-SV-2-A-9/27/13DUP1	AMSF-AOC10-SV-3-A-9/27/13	AOC10-SV-4	AOC10-SV-DUP
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		M1045	M1897	M1897	M1897	M1045	M1045
Laboratory Sample ID		M1045-03	M1897-01	M1897-01DUP1	M1897-02	M1045-01	M1045-02
Sample Type	Units			Lab Replicate			Field Duplicate
Volatile Organic Compounds							
Principal Chlorinated Ethenes and Chlorinated Ethanes							
Tetrachloroethene (PCE)	µg/m3	1.36 U	**4.75**	**4.48**	**32.96**	**1.83 J***	1.36 U
Trichloroethene (TCE)	µg/m3	0.96 U	0.96 U	0.96 U	**5.91**	0.96 U	0.96 U
Dichloroethene, cis-1,2-	µg/m3	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
Dichloroethene, trans-1,2-	µg/m3	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U
Vinyl chloride	µg/m3	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U
Trichloroethane, 1,1,1-	µg/m3	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Dichloroethane, 1,1-	µg/m3	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
Dichloroethene, 1,1-	µg/m3	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
Chloroethane (Ethyl Chloride)	µg/m3	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U
Other VOCs							
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	1.31 U	1.31 U	1.31 U	1.31 U	1.31 U	1.31 U
Chloroform (Trichloromethane)	µg/m3	1.38 U	**14.60**	**14.55**	**8.37**	**1.51 J***	1.38 U
Methylene Chloride (Dichloromethane)	µg/m3	1.54 U	1.54 U	1.54 U	**3.99**	1.54 U	1.54 U
Chloromethane	µg/m3	**2.95**	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U
Dioxane, 1,4-	µg/m3	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
Acetone	µg/m3	**211.49**	1.06 U	1.06 U	**11.91**	**133.78**	**113.59**
Acrylonitrile	µg/m3	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
Benzene	µg/m3	0.51 U	0.51 U	0.51 U	0.51 U	**0.61 J***	0.51 U
Benzyl Chloride	µg/m3	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Bromodichloromethane	µg/m3	1.41 U	1.41 U	1.41 U	1.41 U	1.41 U	1.41 U
Bromoform (Tribromomethane)	µg/m3	2.29 U	2.29 U	2.29 U	2.29 U	2.29 U	2.29 U
Bromomethane (Methyl bromide)	µg/m3	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U
Butadiene, 1,3-	µg/m3	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
Butylbenzene, n-	µg/m3	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Butylbenzene, sec- (2-Phenylbutane)	µg/m3	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U
Carbon Disulfide	µg/m3	**14.26**	**6.29**	**6.19**	**3.05**	**6.19 J**	**3.86 J**
Chlorobenzene (Monochlorobenzene)	µg/m3	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Cyclohexane	µg/m3	0.60 U	**4.44**	**4.58**	**11.94**	0.60 U	0.60 U
Dibromochloromethane	µg/m3	1.57 U	1.57 U	1.57 U	1.57 U	1.57 U	1.57 U
Dichlorobenzene, 1,2-	µg/m3	1.39 U	1.39 U	1.39 U	1.39 U	1.39 U	1.39 U
Dichlorobenzene, 1,3-	µg/m3	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U
Dichlorobenzene, 1,4-	µg/m3	1.29 U	1.29 U	1.29 U	1.29 U	**6.55 J**	1.29 UJ
Dichlorodifluoromethane (Freon 12)	µg/m3	**121.15**	**2.27 J***	1.63 U	1.63 U	**3.07**	**2.82**
Dichloroethane, 1,2-	µg/m3	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U
Dichloropropane, 1,2-	µg/m3	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Dichloropropene, cis-1,3-	µg/m3	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U
Dichloropropene, trans-1,3-	µg/m3	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Dichlorotetrafluoroethane, 1,2- (Freon 114)	µg/m3	2.55 U	2.55 U	2.55 U	2.55 U	2.55 U	2.55 U
Ethanol	µg/m3	0.76 U	**10.60**	**12.86**	0.76 U	**15.14 J**	0.76 UJ
Ethyl Acetate	µg/m3	0.99 U	0.99 U	6.38	9.15	0.99 U	0.99 U
Ethylbenzene	µg/m3	**3.77**	**3.77**	**3.90**	**6.11**	**3.86**	**1.95 J***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/m3	2.34 U	2.34 U	2.34 U	2.34 U	2.34 U	2.34 U
Ethyltoluene, 4-	µg/m3	**6.59**	**1.72 J***	1.17 U	1.17 U	**7.13**	**4.97**
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/m3	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
Hexane (n-Hexane)	µg/m3	**4.27**	0.77 U	**2.04**	2.29 U	0.77 U	0.77 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/m3	**8.57**	0.63 U	0.63 U	0.63 U	**5.74**	**3.93**
Isopropyl Alcohol (2-Propanol)	µg/m3	**4.79**	**5.25**	**6.16**	0.56 U	0.56 U	0.56 U
Isopropylbenzene	µg/m3	1.24 U	1.24 U	1.24 U	1.24 U	1.24 U	1.24 U
Isopropyltoluene, p- (Cymene)	µg/m3	**1.40 J***	1.28 U	1.28 U	1.28 U	**2.74**	**1.61 J***
Methyl Ethyl Ketone (MEK)	µg/m3	**48.36**	**6.55**	**7.70**	**5.66**	**27.45**	**24.59**
Methyl Isobutyl Ketone (MIBK)	µg/m3	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Methyl tert-butyl ether (MTBE)	µg/m3	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
Naphthalene	µg/m3	**3.46**	0.91 U	**0.94 J***	0.91 U	**6.07 J**	**2.41 J**
n-Heptane	µg/m3	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Propene	µg/m3	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Styrene	µg/m3	**7.44**	**25.14**	**24.50**	**13.91**	**19.35 J**	**10.51 J**
Tetrachloroethane, 1,1,1,2-	µg/m3	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U
Tetrachloroethane, 1,1,2,2-	µg/m3	1.87 U	1.87 U	1.87 U	1.87 U	1.87 U	1.87 U
Tetrahydrofuran	µg/m3	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
Toluene	µg/m3	**2.82**	**3.99**	**4.06**	**6.06**	**2.14**	**1.17 J***
Trichlorobenzene, 1,2,4-	µg/m3	1.37 UJ	1.37 U	1.37 U	1.37 U	1.37 UJ	1.37 UJ
Trichloroethane, 1,1,2-	µg/m3	1.43 U	1.43 U	1.43 U	1.43 U	1.43 U	1.43 U
Trichlorofluoromethane (Freon 11)	µg/m3	2.51 U	2.51 U	2.51 U	2.51 U	2.51 U	2.51 U
Trichlorotrifluoroethane (Freon 113)	µg/m3	2.83 U	2.83 U	2.83 U	2.83 U	2.83 U	2.83 U
Trimethylbenzene, 1,2,4-	µg/m3	**20.35**	**4.38**	**4.18**	0.82 U	**29.89 J**	**18.14 J**
Trimethylbenzene, 1,3,5-	µg/m3	**5.80**	1.44 U	1.44 U	1.44 U	**6.78**	**4.18**
Xylene, m & p-	µg/m3	**13.40**	**17.73**	**18.21**	**22.11**	**15.78 J**	**9.67 J**
Xylene, o-	µg/m3	**7.15**	**8.45**	**8.58**	**7.76**	**5.94 J**	**4.03 J**

Notes:

15.2	Compound was detected at the concentration shown.
0.83 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.83 µg/m3 in this example).
J	Estimated concentration below laboratory reporting limit.
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

Table 16a
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Note: This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including those compounds not detected in any samples.

Area of Concern		AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)														
Sample Location		AM-SVIA1			AM-SVIA2			AM-SVIA3			AM-SVIA4					
Sample Date		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13	
Sample ID		AM-SVIA1-SSV	AM-SVIA1-IA		AM-SVIA2-SSV	AM-SVIA2-IA		AM-SVIA3-SSV	AM-SVIA3-IA		AM-SVIA4-SSV	AM-SVIA4-IA		AM-SVIADUP-SSV	AM-SVIADUP-IA	
Sample Description		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air	
Sampling Company		STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH
Laboratory		SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance
Laboratory Work Order		M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended
Laboratory Sample ID		M0501-09	M0500-18	Aciton[1]	M0501-07	M0500-16	Aciton[1]	M0501-08	M0500-10	Aciton[1]	M0501-10	M0500-07	Aciton[1]	M0501-13	M0500-09	Aciton[1]
Sample Type	Units													Field Duplicate	Field Duplicate	
Volatile Organic Compounds																
Principal Chlorinated Ethenes and Chlorinated Ethanes																
Tetrachloroethene (PCE)	µg/m3	26.45 J*	0.41 U SA	No further action	232.59	1.36 U	Monitor	3.19 J*	0.41 U SA	No further action	24412.27 J	12.07	Mitigate	44823.64 J	3.12 J*	Mitigate
Trichloroethene (TCE)	µg/m3	9.57 U	0.28 U SA	Monitor	9.57 U	0.28 U SA	Monitor	0.96 U	0.28 U SA	Take R & P actions	827.63 J	0.96 U	Mitigate	1058.72	2.58 SA	Mitigate
Dichloroethene, cis-1,2-	µg/m3	43.62	0.19 U SA	No further action	6.46 U	0.65 U	No further action	0.65 U	0.19 U SA	No further action	36.52 UJ	8.64	Take R & P actions	81.29 U	0.65 U	No further action
Vinyl chloride	µg/m3	10.07 U	0.16 U SA	No further action	10.07 U	0.16 U SA	No further action	1.01 U	0.16 U SA	No further action	57.00 UJ	1.01 U	Mitigate	126.79 U	0.16 U SA	Monitor
Dichloroethene, trans-1,2-	µg/m3	8.45 U	0.17 U SA	No applicable matrix	8.45 U	0.84 U	No applicable matrix	0.84 U	0.17 U SA	No applicable matrix	47.58 UJ	0.84 U	No applicable matrix	106.27 U	0.84 U	No applicable matrix
Trichloroethane (TCA), 1,1,1-	µg/m3	1265.80	0.93 SA	Mitigate	2766.21	2.13 J*	Mitigate	3.38	1.09 SA	No further action	2002.36 J	1.69 J*	Mitigate	2449.76	1.07 U	Mitigate
Dichloroethene, 1,1-	µg/m3	900.57	0.29 U SA	Monitor	179.72	1.48 U	Monitor	1.48 U	0.29 U SA	No further action	575.26 J	1.48 U	Monitor	714.11	1.48 U	Monitor
Dichloroethane (DCA), 1,1-	µg/m3	2052.88	0.20 U SA	No applicable matrix	35.63	0.81 U	No applicable matrix	0.81 U	0.20 U SA	No applicable matrix	109.73 J	0.81 U	No applicable matrix	142.93 J*	0.81 U	No applicable matrix
Chloroethane (Ethyl Chloride)	µg/m3	32.98	0.20 U SA	No applicable matrix	11.82 U	1.18 U	No applicable matrix	1.18 U	0.20 U SA	No applicable matrix	66.74 UJ	1.18 U	No applicable matrix	148.79 U	1.18 U	No applicable matrix
Other VOCs																
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	13.08 U	0.27 U SA	Monitor	13.08 U	0.38 J* SA	Monitor	1.31 U	0.31 J* SA	Take R & P actions	74.23 UJ	1.31 U	Mitigate	164.81 U	0.27 U SA	Monitor / Mitigate
Chloroform (Trichloromethane)	µg/m3	24.34	0.22 U SA	No applicable matrix	13.82 U	1.38 U	No applicable matrix	1.38 U	0.22 U SA	No applicable matrix	77.87 UJ	1.38 U	No applicable matrix	174.24 U	1.38 U	No applicable matrix
Methylene Chloride (Dichloromethane)	µg/m3	15.38 U	0.22 U SA	No applicable matrix	15.38 U	1.54 U	No applicable matrix	1.54 U	0.35 SA	No applicable matrix	86.81 UJ	7.19	No applicable matrix	193.76 U	4.86	No applicable matrix
Chloromethane	µg/m3	7.75 U	0.19 U SA	No applicable matrix	7.75 U	1.51	No applicable matrix	0.77 U	0.19 U SA	No applicable matrix	43.79 UJ	1.55	No applicable matrix	97.49 U	1.69	No applicable matrix
Acetone	µg/m3	47.76	12.69 SA	No applicable matrix	28.52	25.43	No applicable matrix	14.57	22.74 SA	No applicable matrix	1813.10 J	233.11 D*	No applicable matrix	1863.00	156.83	No applicable matrix
Acrylonitrile	µg/m3	8.30 U	0.14 U SA	No applicable matrix	8.30 U	0.83 U	No applicable matrix	0.83 U	0.14 U SA	No applicable matrix	46.82 UJ	0.83 U	No applicable matrix	104.70 U	0.83 U	No applicable matrix
Benzene	µg/m3	5.14 U	0.48 SA	No applicable matrix	5.14 U	0.96 J*	No applicable matrix	0.51 U	0.61 SA	No applicable matrix	29.03 UJ	5.17	No applicable matrix	64.76 U	0.51 U	No applicable matrix
Carbon Disulfide	µg/m3	11.58 U	0.18 U SA	No applicable matrix	11.58 U	1.16 U	No applicable matrix	3.36	0.18 U SA	No applicable matrix	392.17 J	1.16 U	No applicable matrix	410.85	1.16 U	No applicable matrix
Cyclohexane	µg/m3	6.02 U	0.28 U SA	No applicable matrix	6.02 U	0.60 U	No applicable matrix	1.24 J*	0.28 U SA	No applicable matrix	34.04 UJ	1.79	No applicable matrix	75.73 U	0.60 U	No applicable matrix
Dichlorodifluoromethane (Freon 12)	µg/m3	16.32 U	2.37 SA	No applicable matrix	16.32 U	3.16	No applicable matrix	2.82	2.67 SA	No applicable matrix	91.97 UJ	4.2	No applicable matrix	205.70 U	4.2	No applicable matrix
Ethanol	µg/m3	7.62 U	16.18 SA	No applicable matrix	7.62 U	19.23	No applicable matrix	11.03	15.57 SA	No applicable matrix	610.90 J	130.1	No applicable matrix	846.58	101.06	No applicable matrix
Ethyl Acetate	µg/m3	9.91 U	13.37 SA	No applicable matrix	9.91 U	9.55	No applicable matrix	40.00	12.61 U SA	No applicable matrix	276.73 J	10.95	No applicable matrix	295.11	0.99 U	No applicable matrix
Ethylbenzene	µg/m3	8.45 U	0.29 U SA	No applicable matrix	10.84 J*	1.43 J*	No applicable matrix	7.28	0.29 U SA	No applicable matrix	63.73 J	14.57	No applicable matrix	106.65 U	0.85 U	No applicable matrix
Ethyltoluene, 4-	µg/m3	11.65 U	0.27 U SA	No applicable matrix	11.65 U	1.17 U	No applicable matrix	1.17 U	0.27 U SA	No applicable matrix	65.88 UJ	1.17 U	No applicable matrix	146.99 U	1.17 U	No applicable matrix
Hexane (n-Hexane)	µg/m3	7.65 U	4.23 SA	No applicable matrix	7.65 U	2.29	No applicable matrix	3.56	1.23 NJ SA	No applicable matrix	363.13 J	7.4	No applicable matrix	479.48	0.77 U	No applicable matrix
Isopropyl Alcohol (2-Propanol)	µg/m3	5.60 U	2.70 SA	No applicable matrix	5.60 U	1.84	No applicable matrix	3.04	1.18 J* SA	No applicable matrix	188.47 J	4.91	No applicable matrix	260.12	0.56 U	No applicable matrix
Isopropylbenzene	µg/m3	12.44 U	0.28 U SA	No applicable matrix	12.44 U	1.24 U	No applicable matrix	1.24 U	0.28 U SA	No applicable matrix	70.30 UJ	1.24 U	No applicable matrix	156.83 U	1.24 U	No applicable matrix
Isopropyltoluene, p- (Cymene)	µg/m3	12.82 U	0.33 U SA	No applicable matrix	12.82 U	1.28 U	No applicable matrix	1.28 U	0.33 U SA	No applicable matrix	72.44 UJ	1.28 U	No applicable matrix	161.52 U	1.28 U	No applicable matrix
Methyl Ethyl Ketone (MEK)	µg/m3	10.56 U	2.80 SA	No applicable matrix	10.56 U	4.22	No applicable matrix	5.25	4.98 SA	No applicable matrix	189.91 J	180.47	No applicable matrix	178.41 J*	1.39 J*	No applicable matrix
Methyl Isobutyl Ketone (MIBK)	µg/m3	10.25 U	0.22 U SA	No applicable matrix	10.25 U	1.02 U	No applicable matrix	1.80 J*	0.22 U SA	No applicable matrix	57.78 UJ	1.02 U	No applicable matrix	129.09 U	1.02 U	No applicable matrix
Naphthalene	µg/m3	9.06 U	0.96 UJ SA	No applicable matrix	9.06 U	0.91 UJ	No applicable matrix	0.91 U	0.96 UJ SA	No applicable matrix	51.15 U	0.91 U	No applicable matrix	114.13 U	0.91 UJ	No applicable matrix
n-Heptane	µg/m3	7.50 U	0.25 U SA	No applicable matrix	7.50 U	0.75 U	No applicable matrix	4.02	0.25 U SA	No applicable matrix	42.21 UJ	8.07	No applicable matrix	94.67 U	0.75 U	No applicable matrix
Propene	µg/m3	3.67 U	0.14 U SA	No applicable matrix	3.67 U	0.37 U	No applicable matrix	0.37 U	0.14 U SA	No applicable matrix	20.65 UJ	0.37 U	No applicable matrix	46.12 U	0.37 U	No applicable matrix
Styrene	µg/m3	10.51 U	0.23 U SA	No applicable matrix	10.51 U	1.05 U	No applicable matrix	1.05 U	0.23 U SA	No applicable matrix	59.55 UJ	1.05 U	No applicable matrix	132.29 U	1.05 U	No applicable matrix
Tetrachloroethane, 1,1,2,2-	µg/m3	18.75 U	0.45 U SA	No applicable matrix	18.75 U	1.87 U	No applicable matrix	1.87 U	0.45 U SA	No applicable matrix	105.75 UJ	1.87 U	No applicable matrix	236.23 U	1.87 U	No applicable matrix
Tetrahydrofuran	µg/m3	6.49 U	0.16 U SA	No applicable matrix	6.49 U	0.65 U	No applicable matrix	0.65 U	0.16 U SA	No applicable matrix	88.17 J	52.78	No applicable matrix	81.68 U	0.65 U	No applicable matrix
Toluene	µg/m3	7.11 U	1.84 SA	No applicable matrix	10.16 J*	3.54	No applicable matrix	7.26	2.33 SA	No applicable matrix	888.02 J	23.74	No applicable matrix	888.02	0.71 U	No applicable matrix
Trichloroethane, 1,1,2-	µg/m3	14.29 U	0.36 U SA	No applicable matrix	14.29 U	1.43 U	No applicable matrix	1.43 U	0.36 U SA	No applicable matrix	80.75 UJ	1.43 U	No applicable matrix	180.05 U	1.43 U	No applicable matrix
Trichlorofluoromethane (Freon 11)	µg/m3	25.12 U	1.52 SA	No applicable matrix	25.12 U	2.51 U	No applicable matrix	2.51 U	1.57 SA	No applicable matrix	142.18 UJ	12.7	No applicable matrix	316.39 U	11.58	No applicable matrix
Trimethylbenzene, 1,2,4-	µg/m3	8.21 U	0.19 U SA	No applicable matrix	8.21 U	1.62 J*	No applicable matrix	3.00	0.19 U SA	No applicable matrix	80.62 J	3.59	No applicable matrix	103.24 U	0.82 U	No applicable matrix
Trimethylbenzene, 1,3,5-	µg/m3	14.36 U	0.23 U SA	No applicable matrix	14.36 U	1.44 U	No applicable matrix	1.44 U	0.23 U SA	No applicable matrix	81.12 UJ	1.44 U	No applicable matrix	180.91 U	1.44 U	No applicable matrix
Xylene, m & p-	µg/m3	21.42 U	0.48 J* SA	No applicable matrix	55.93	6.42	No applicable matrix	35.38	0.47 U SA	No applicable matrix	335.56 J	64.16	No applicable matrix	344.23 J*	2.14 U	No applicable matrix
Xylene, o-	µg/m3	13.22 U	0.26 U SA	No applicable matrix	19.08 J*	2.56	No applicable matrix	14.13	0.26 U SA	No applicable matrix	110.12 J	24.15	No applicable matrix	166.48 U	1.32 U	No applicable matrix

See last page for notes.

Table 16a
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Note: This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including those compounds not detected in any samples.

Area of Concern		AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas														
Sample Location		AM-SVIA5			AM-SVIA6			AM-SVIA7			AM-SVIA8			AM-SVIA9		
Sample Date		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13	
Sample ID		AM-SVIA5-SSV	AM-SVIA5-IA		AM-SVIA6-SSV	AM-SVIA6-IA		AM-SVIA7-SSV	AM-SVIA7-IA		AM-SVIA8-SSV	AM-SVIA8-IA		AM-SVIA9-SSV	AM-SVIA9-IA	
Sample Description		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air	
Sampling Company		STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH
Laboratory		SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance
Laboratory Work Order		M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended
Laboratory Sample ID		M0501-14	M0500-01	Aciton[1]	M0501-11	M0500-02	Aciton[1]	M0501-05	M0500-08	Aciton[1]	M0501-17	M0500-06	Aciton[1]	M0501-16	M0500-15	Aciton[1]
Sample Type	Units															
Volatile Organic Compounds																
Principal Chlorinated Ethenes and Chlorinated Ethanes																
Tetrachloroethene (PCE)	µg/m3	37567.77	15.05	Mitigate	147829.86 J	18.17	Mitigate	116636.40 J	2.58 J*	Mitigate	9764.91 D*	4.88	Mitigate	759.49 D*	5.36 SA	Monitor / Mitigate
Trichloroethene (TCE)	µg/m3	773.89	1.02 SA	Mitigate	1150.09 J	2.26 SA	Mitigate	1343.56 J	0.28 U SA	Mitigate	4740.07 D*	0.28 U SA	Mitigate	0.96 U	0.28 U SA	Take R & P actions
Dichloroethene, cis-1,2-	µg/m3	55.12 J*	1.29 U	No further action	82.87 UJ	1.29 U	Monitor	192.71 UJ	0.65 U	Monitor	2323.63 D*	0.65 U	Mitigate	0.65 U	0.19 U SA	No further action
Vinyl chloride	µg/m3	70.04 U	0.16 U SA	Monitor	128.83 UJ	0.16 U SA	Monitor	299.08 UJ	0.16 U SA	Mitigate	1.01 U	0.16 U SA	No further action	1.01 U	0.16 U SA	No further action
Dichloroethene, trans-1,2-	µg/m3	58.69 U	1.69 U	No applicable matrix	108.25 UJ	1.69 U	No applicable matrix	251.79 UJ	0.84 U	No applicable matrix	323.56	0.84 U	No applicable matrix	0.84 U	0.17 U SA	No applicable matrix
Trichloroethane (TCA), 1,1,1-	µg/m3	1298.54	2.14 U	Mitigate	5390.56 J	2.95 J*	Mitigate	2733.47 J	1.25 J*	Mitigate	434.85	1.58 J*	Mitigate	124.4	0.98 SA	Monitor
Dichloroethene, 1,1-	µg/m3	896.61	2.96 U	Monitor	218.20 J	2.96 U	Monitor	1582.94 J	1.48 U	Mitigate	185.67	1.48 U	Monitor	1.48 U	0.29 U SA	No further action
Dichloroethane (DCA), 1,1-	µg/m3	227.96	1.62 U	No applicable matrix	103.66 UJ	4.13	No applicable matrix	241.33 UJ	0.81 U	No applicable matrix	395.6	0.81 U	No applicable matrix	0.81 U	0.20 U SA	No applicable matrix
Chloroethane (Ethyl Chloride)	µg/m3	82.04 U	2.36 U	No applicable matrix	151.16 UJ	2.36 U	No applicable matrix	353.50 UJ	1.18 U	No applicable matrix	95.76	1.18 U	No applicable matrix	1.18 U	0.20 U SA	No applicable matrix
Other VOCs																
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	91.21 U	0.31 J* SA	Monitor / Mitigate	167.32 UJ	0.38 J* SA	Monitor / Mitigate	390.00 UJ	0.44 J* SA	Mitigate	1.31 U	0.31 J* SA	Take R & P actions	1.31 U	0.44 J* SA	Take R & P actions
Chloroform (Trichloromethane)	µg/m3	95.88 U	2.76 U	No applicable matrix	177.16 UJ	2.76 U	No applicable matrix	411.75 UJ	1.38 U	No applicable matrix	33.68	1.38 U	No applicable matrix	3.89	0.22 U SA	No applicable matrix
Methylene Chloride (Dichloromethane)	µg/m3	106.95 U	9.79	No applicable matrix	196.88 UJ	11.53	No applicable matrix	458.36 UJ	4.76	No applicable matrix	4.51	3.72	No applicable matrix	2.15	2.67 SA	No applicable matrix
Chloromethane	µg/m3	53.91 U	1.69 J*	No applicable matrix	99.14 UJ	1.55 U	No applicable matrix	231.33 UJ	1.47	No applicable matrix	0.77 U	1.51	No applicable matrix	1.67	0.19 U SA	No applicable matrix
Acetone	µg/m3	1877.26	434.86	No applicable matrix	477.63 J	373.08	No applicable matrix	2328.75 J	139.01	No applicable matrix	66.54	134.73	No applicable matrix	22.72	222.42	No applicable matrix
Acrylonitrile	µg/m3	57.66 U	1.66 U	No applicable matrix	106.22 UJ	1.66 U	No applicable matrix	247.12 UJ	0.83 U	No applicable matrix	0.83 U	0.83 U	No applicable matrix	3.62	3.32 U	No applicable matrix
Benzene	µg/m3	35.73 U	6.19	No applicable matrix	65.72 UJ	6.19	No applicable matrix	153.13 UJ	2.42	No applicable matrix	16.4	2.78	No applicable matrix	1.50 J*	2.58 SA	No applicable matrix
Carbon Disulfide	µg/m3	426.41	2.32 U	No applicable matrix	148.15 UJ	2.32 U	No applicable matrix	426.41 J	1.16 U	No applicable matrix	35.48	1.16 U	No applicable matrix	16.15	0.65 J* SA	No applicable matrix
Cyclohexane	µg/m3	41.99 U	1.31 J*	No applicable matrix	77.10 UJ	1.20 U	No applicable matrix	179.68 UJ	0.76 J*	No applicable matrix	12.36	0.60 U	No applicable matrix	1.24 J*	0.69 SA	No applicable matrix
Dichlorodifluoromethane (Freon 12)	µg/m3	113.24 U	3.76 J*	No applicable matrix	208.67 UJ	3.56 J*	No applicable matrix	486.07 UJ	3.61	No applicable matrix	8.11	3.71	No applicable matrix	14.39	12.86	No applicable matrix
Ethanol	µg/m3	788.13	114.45	No applicable matrix	97.48 UJ	110.68	No applicable matrix	226.26 UJ	89.37	No applicable matrix	20.93	79.00	No applicable matrix	26.77	314.88	No applicable matrix
Ethyl Acetate	µg/m3	310.6	1.98 U	No applicable matrix	126.84 UJ	11.6	No applicable matrix	295.47 UJ	15.31	No applicable matrix	0.99 U	13.26	No applicable matrix	21.12	3.96 U	No applicable matrix
Ethylbenzene	µg/m3	69.37 J*	2.77 J*	No applicable matrix	108.38 UJ	2.77 J*	No applicable matrix	251.89 UJ	0.85 U	No applicable matrix	11.36	0.85 U	No applicable matrix	16.52	2.38 SA	No applicable matrix
Ethyltoluene, 4-	µg/m3	81.12 U	2.33 U	No applicable matrix	148.96 UJ	2.33 U	No applicable matrix	347.08 UJ	1.17 U	No applicable matrix	2.26 J*	1.17 U	No applicable matrix	3.59	0.59 SA	No applicable matrix
Hexane (n-Hexane)	µg/m3	472.43	7.90 NJ	No applicable matrix	98.01 UJ	11.14	No applicable matrix	588.77 J	8.39	No applicable matrix	16.04	5.92	No applicable matrix	3.77	3.06 U	No applicable matrix
Isopropyl Alcohol (2-Propanol)	µg/m3	243.93	1.12 U	No applicable matrix	204.17 J	11.73	No applicable matrix	292.02 J	4.05	No applicable matrix	3.58	4.00	No applicable matrix	7.17	83.44	No applicable matrix
Isopropylbenzene	µg/m3	86.52 U	2.49 U	No applicable matrix	159.28 UJ	2.49 U	No applicable matrix	370.68 UJ	1.24 U	No applicable matrix	1.24 U	1.24 U	No applicable matrix	1.24 U	0.28 U SA	No applicable matrix
Isopropyltoluene, p- (Cymene)	µg/m3	89.08 U	2.56 U	No applicable matrix	164.20 UJ	2.56 U	No applicable matrix	382.06 UJ	1.28 U	No applicable matrix	1.28 U	1.28 U	No applicable matrix	1.28 U	1.18 SA	No applicable matrix
Methyl Ethyl Ketone (MEK)	µg/m3	186.37	6.78	No applicable matrix	135.06 UJ	7.37	No applicable matrix	315.53 UJ	5.6	No applicable matrix	5.57	7.17	No applicable matrix	5.37	4.60 J*	No applicable matrix
Methyl Isobutyl Ketone (MIBK)	µg/m3	71.31 U	2.05 U	No applicable matrix	131.14 UJ	2.05 U	No applicable matrix	305.31 UJ	1.02 U	No applicable matrix	1.02 U	1.02 U	No applicable matrix	3.61	4.10 U	No applicable matrix
Naphthalene	µg/m3	62.82 U	2.51 J	No applicable matrix	115.70 U	3.25 J	No applicable matrix	270.13 UJ	0.91 UJ	No applicable matrix	0.91 U	0.91 UJ	No applicable matrix	1.78 J*	0.96 UJ SA	No applicable matrix
n-Heptane	µg/m3	52.05 U	12.79	No applicable matrix	95.90 UJ	17.87	No applicable matrix	223.35 UJ	0.75 U	No applicable matrix	6.15	1.48 J*	No applicable matrix	4.71	25.57	No applicable matrix
Propene	µg/m3	25.47 U	0.73 U	No applicable matrix	46.99 UJ	0.73 U	No applicable matrix	109.29 UJ	0.37 U	No applicable matrix	0.37 U	0.37 U	No applicable matrix	0.37 U	1.47 U	No applicable matrix
Styrene	µg/m3	73.16 U	2.10 U	No applicable matrix	134.41 UJ	2.10 U	No applicable matrix	313.06 UJ	1.05 U	No applicable matrix	1.05 U	1.05 U	No applicable matrix	2.17	4.20 U	No applicable matrix
Tetrachloroethane, 1,1,2,2-	µg/m3	130.47 U	3.75 U	No applicable matrix	239.66 UJ	3.75 U	No applicable matrix	558.98 UJ	1.87 U	No applicable matrix	1.87 U	1.87 U	No applicable matrix	20.74	7.49 U	No applicable matrix
Tetrahydrofuran	µg/m3	45.12 U	1.30 U	No applicable matrix	83.16 UJ	1.30 U	No applicable matrix	193.45 UJ	0.65 U	No applicable matrix	0.65 U	0.65 U	No applicable matrix	0.65 U	2.60 U	No applicable matrix
Toluene	µg/m3	835.34	13.4	No applicable matrix	130.19 J	15.88	No applicable matrix	741.27 J	1.32 J*	No applicable matrix	25.21	5.19	No applicable matrix	27.54	18.17 SA	No applicable matrix
Trichloroethane, 1,1,2-	µg/m3	99.30 U	2.86 U	No applicable matrix	182.78 UJ	2.86 U	No applicable matrix	426.12 UJ	1.43 U	No applicable matrix	1.43 U	1.43 U	No applicable matrix	1.43 U	5.73 U	No applicable matrix
Trichlorofluoromethane (Freon 11)	µg/m3	174.77 U	11.13	No applicable matrix	321.44 UJ	10.45	No applicable matrix	747.41 UJ	8.77	No applicable matrix	11.18	7.25	No applicable matrix	3.54	157.35	No applicable matrix
Trimethylbenzene, 1,2,4-	µg/m3	78.66 J*	2.16 J*	No applicable matrix	105.21 UJ	3.15 J*	No applicable matrix	244.82 UJ	0.82 U	No applicable matrix	6.64	0.82 U	No applicable matrix	10.62	2.02 SA	No applicable matrix
Trimethylbenzene, 1,3,5-	µg/m3	99.80 U	2.87 U	No applicable matrix	183.86 UJ	2.87 U	No applicable matrix	427.71 UJ	1.44 U	No applicable matrix	2.26 J*	1.44 U	No applicable matrix	3.83	0.23 U SA	No applicable matrix
Xylene, m & p-	µg/m3	367.64	10.93	No applicable matrix	274.00 UJ	11.97	No applicable matrix	637.30 UJ	2.14 U	No applicable matrix	51.16	2.14 U	No applicable matrix	79.77	9.62 SA	No applicable matrix
Xylene, o-	µg/m3	117.49 J*	4.34	No applicable matrix	169.08 UJ	4.68	No applicable matrix	394.09 UJ	1.32 U	No applicable matrix	21.16	1.32 U	No applicable matrix	29.52	4.03 SA	No applicable matrix

See last page for notes.

Table 16a
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Note: This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including those compounds not detected in any samples.

Area of Concern		AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)															
Sample Location		AM-SVIA10			AM-SVIA11			AM-SVIA12			AM-SVIA13			AM-SVIA14			
Sample Date		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		
Sample ID		AM-SVIA10-SSV	AM-SVIA10-IA		AM-SVIA11-SSV	AM-SVIA11-IA		AM-SVIA12-SSV	AM-SVIA12-IA		AM-SVIA13-SSV	AM-SVIA13-IA		AM-SVIA14-SSV	AM-SVIA14-IA		
Sample Description		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		
Sampling Company		STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	
Laboratory		SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	
Laboratory Work Order		M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	M0501	M0500	Recommended	
Laboratory Sample ID		M0501-12	M0500-14	Aciton[1]	M0501-15	M0500-13	Aciton[1]	M0501-01	M0500-04	Aciton[1]	M0501-04	M0500-03	Aciton[1]	M0501-03	M0500-11	Aciton[1]	
Sample Type	Units																
Volatile Organic Compounds																	
Principal Chlorinated Ethenes and Chlorinated Ethanes																	
Tetrachloroethene (PCE)	µg/m3	520.8	1.36 U	Monitor	94.94	1.36 U	No further action	227.85	1.97 J*	Monitor	1132.46	1.36 U	Mitigate	402.12 J*	1.36 U	Monitor	
Trichloroethene (TCE)	µg/m3	4.03	0.28 U SA	Take R & P actions	1.56 J*	0.28 U SA	Take R & P actions	2.53 J*	0.28 U SA	Take R & P actions	112.86	0.28 U SA	Monitor / Mitigate	246.68 U	0.28 U SA	Monitor / Mitigate	
Dichloroethene, cis-1,2-	µg/m3	0.65 U	0.65 U	No further action	0.65 U	0.65 U	No further action	1.86 J*	0.65 U	No further action	503.58	0.65 U	Monitor	166.94 U	1.43 J*	Monitor	
Vinyl chloride	µg/m3	1.01 U	0.16 U SA	No further action	1.01 U	0.16 U SA	No further action	1.12 J*	0.16 U SA	No further action	50.1	0.16 U SA	Monitor	260.74 U	0.16 U SA	Mitigate	
Dichloroethene, trans-1,2-	µg/m3	0.84 U	0.84 U	No applicable matrix	0.84 U	0.84 U	No applicable matrix	0.84 U	0.84 U	No applicable matrix	9.91	0.84 U	No applicable matrix	218.09 U	0.84 U	No applicable matrix	
Trichloroethane (TCA), 1,1,1-	µg/m3	169.68	1.07 U	Monitor	28.1	1.07 U	No further action	18.77	1.07 U	No further action	583.8	1.07 U	Monitor	42447.93	7.47	Mitigate	
Dichloroethene, 1,1-	µg/m3	1.48 U	1.48 U	No further action	1.48 U	1.48 U	No further action	58.72	1.48 U	No further action	176.15	1.48 U	Monitor	10076.89	1.90 J*	Mitigate	
Dichloroethane (DCA), 1,1-	µg/m3	0.81 U	0.81 U	No applicable matrix	0.81 U	0.81 U	No applicable matrix	0.81 U	0.81 U	No applicable matrix	1320.00	0.81 U	No applicable matrix	67214.72	9.76	No applicable matrix	
Chloroethane (Ethyl Chloride)	µg/m3	1.18 U	1.18 U	No applicable matrix	1.18 U	1.18 U	No applicable matrix	1.18 U	1.18 U	No applicable matrix	45.11	1.18 U	No applicable matrix	306.01 U	1.18 U	No applicable matrix	
Other VOCs																	
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	1.31 U	0.31 J* SA	Take R & P actions	1.31 U	0.38 J* SA	Take R & P actions	1.31 U	0.38 J* SA	Take R & P actions	6.54 U	0.50 J* SA	Monitor	337.79 U	0.27 U SA	Mitigate	
Chloroform (Trichloromethane)	µg/m3	1.46 J*	1.38 U	No applicable matrix	1.38 U	1.38 U	No applicable matrix	8.71	1.38 U	No applicable matrix	27.5	1.38 U	No applicable matrix	356.76 U	1.38 U	No applicable matrix	
Methylene Chloride (Dichloromethane)	µg/m3	1.54 U	4.62	No applicable matrix	1.91	1.54 U	No applicable matrix	1.63 J*	1.60 J*	No applicable matrix	17.19	2.95	No applicable matrix	395.85 U	1.54 U	No applicable matrix	
Chloromethane	µg/m3	0.77 U	2.02	No applicable matrix	0.77 U	1.22	No applicable matrix	0.77 U	1.34	No applicable matrix	3.88 U	1.55	No applicable matrix	199.93 U	1.14	No applicable matrix	
Acetone	µg/m3	13.92	42.30	No applicable matrix	14.23	33.27	No applicable matrix	37.55	81.74	No applicable matrix	28.99	32.79	No applicable matrix	1318.83	49.43	No applicable matrix	
Acrylonitrile	µg/m3	0.83 U	0.83 U	No applicable matrix	1.89	0.83 U	No applicable matrix	0.83 U	0.83 U	No applicable matrix	4.16 U	0.83 U	No applicable matrix	214.17 U	0.83 U	No applicable matrix	
Benzene	µg/m3	1.40 J*	0.51 U	No applicable matrix	0.73 J*	0.67 J*	No applicable matrix	11.71	2.11	No applicable matrix	4.15 J*	2.39	No applicable matrix	132.39 U	2.27	No applicable matrix	
Carbon Disulfide	µg/m3	12.67	1.16 U	No applicable matrix	5.66	1.16 U	No applicable matrix	67.85	1.16 U	No applicable matrix	18.67	1.16 U	No applicable matrix	298.80 U	1.16 U	No applicable matrix	
Cyclohexane	µg/m3	0.83 J*	0.60 U	No applicable matrix	0.60 U	0.60 U	No applicable matrix	15.11	0.60 U	No applicable matrix	7.57 J*	0.86 J*	No applicable matrix	155.58 U	0.65 J*	No applicable matrix	
Dichlorodifluoromethane (Freon 12)	µg/m3	25.27	15.67	No applicable matrix	18.39	17.6	No applicable matrix	3.12	3.56	No applicable matrix	10.63 J*	5.09	No applicable matrix	420.80 U	8.16	No applicable matrix	
Ethanol	µg/m3	10.28	87.11	No applicable matrix	19.04	62.6	No applicable matrix	9.39	32.24	No applicable matrix	23.38	46.57	No applicable matrix	196.09 U	44.69	No applicable matrix	
Ethyl Acetate	µg/m3	12.00	37.5 U	No applicable matrix	13.91	5.3	No applicable matrix	15.71	12.43	No applicable matrix	46.12	11.03	No applicable matrix	255.83 U	15.31	No applicable matrix	
Ethylbenzene	µg/m3	14.61	0.85 U	No applicable matrix	13.09	0.85 U	No applicable matrix	17.56	5.46	No applicable matrix	9.97 J*	2.38	No applicable matrix	218.07 U	2.47	No applicable matrix	
Ethyltoluene, 4-	µg/m3	3.59	1.17 U	No applicable matrix	2.21 J*	1.17 U	No applicable matrix	3.15	1.17 U	No applicable matrix	5.80 U	1.23 J*	No applicable matrix	300.38 U	1.17 U	No applicable matrix	
Hexane (n-Hexane)	µg/m3	2.86	4.34 U	No applicable matrix	3.35	0.88 J*	No applicable matrix	47.24	4.51 NJ	No applicable matrix	18.86	18.51	No applicable matrix	197.43 U	5.57	No applicable matrix	
Isopropyl Alcohol (2-Propanol)	µg/m3	2.31	6.53	No applicable matrix	4.76	2.63	No applicable matrix	3.58	2.63	No applicable matrix	9.69	16.69	No applicable matrix	144.29 U	2.6	No applicable matrix	
Isopropylbenzene	µg/m3	1.24 U	1.24 U	No applicable matrix	1.24 U	1.24 U	No applicable matrix	1.28 NJ	1.24 U	No applicable matrix	6.19 U	1.24 U	No applicable matrix	321.02 U	1.24 U	No applicable matrix	
Isopropyltoluene, p- (Cymene)	µg/m3	1.28 U	1.28 U	No applicable matrix	1.28 U	1.28 U	No applicable matrix	1.28 U	1.28 U	No applicable matrix	6.44 U	1.28 U	No applicable matrix	331.09 U	1.28 U	No applicable matrix	
Methyl Ethyl Ketone (MEK)	µg/m3	3.18	4.57	No applicable matrix	3.63	2.83	No applicable matrix	10.82	22.56	No applicable matrix	6.34 J*	8.14	No applicable matrix	272.48 U	15.92	No applicable matrix	
Methyl Isobutyl Ketone (MIBK)	µg/m3	5.16	1.02 U	No applicable matrix	1.97 J*	1.02 U	No applicable matrix	1.02 U	1.48 NJ	No applicable matrix	5.12 U	1.02 U	No applicable matrix	264.33 U	1.02 U	No applicable matrix	
Naphthalene	µg/m3	1.62 J*	0.91 UJ	No applicable matrix	0.91 U	0.91 UJ	No applicable matrix	0.91 U	0.91 UJ	No applicable matrix	4.53 U	1.52 J	No applicable matrix	233.49 U	0.91 UJ	No applicable matrix	
n-Heptane	µg/m3	3.98	0.75 U	No applicable matrix	3.89	1.23 J*	No applicable matrix	61.06	3.2	No applicable matrix	12.29	1.64 J*	No applicable matrix	193.43 U	1.84 J*	No applicable matrix	
Propene	µg/m3	0.37 U	0.37 U	No applicable matrix	0.37 U	0.37 U	No applicable matrix	56.11	0.37 U	No applicable matrix	1.82 U	4.99	No applicable matrix	94.66 U	0.37 U	No applicable matrix	
Styrene	µg/m3	1.05 U	1.05 U	No applicable matrix	1.05 U	1.05 U	No applicable matrix	2.47 NJ	1.05 U	No applicable matrix	5.27 U	1.05 U	No applicable matrix	270.95 U	1.05 U	No applicable matrix	
Tetrachloroethane, 1,1,2,2-	µg/m3	1.87 U	1.87 U	No applicable matrix	1.87 U	1.87 U	No applicable matrix	1.87 U	1.87 U	No applicable matrix	9.34 U	1.87 U	No applicable matrix	483.44 U	1.87 U	No applicable matrix	
Tetrahydrofuran	µg/m3	0.65 U	0.65 U	No applicable matrix	1.30 J*	0.65 U	No applicable matrix	0.65 U	0.65 U	No applicable matrix	3.24 U	4.69	No applicable matrix	167.50 U	11.32	No applicable matrix	
Toluene	µg/m3	24.76	0.90 J*	No applicable matrix	17.91	7.71	No applicable matrix	48.16	21.52	No applicable matrix	25.4	9.63	No applicable matrix	534.31	7.98	No applicable matrix	
Trichloroethane, 1,1,2-	µg/m3	1.43 U	1.43 U	No applicable matrix	1.43 U	1.43 U	No applicable matrix	1.43 U	1.43 U	No applicable matrix	7.15 U	1.43 U	No applicable matrix	368.83 U	1.43 U	No applicable matrix	
Trichlorofluoromethane (Freon 11)	µg/m3	8.26	55.24	No applicable matrix	48.67	60.69	No applicable matrix	6.24	3.03	No applicable matrix	12.59 U	2.51 U	No applicable matrix	646.26 U	2.51 U	No applicable matrix	
Trimethylbenzene, 1,2,4-	µg/m3	11.8	0.82 U	No applicable matrix	3.64	0.82 U	No applicable matrix	5.31	0.82 U	No applicable matrix	4.10 U	4.67	No applicable matrix	211.89 U	3.15	No applicable matrix	
Trimethylbenzene, 1,3,5-	µg/m3	3.54	1.44 U	No applicable matrix	1.72 J*	1.44 U	No applicable matrix	2.46 NJ	1.44 U	No applicable matrix	7.18 U	1.44 U	No applicable matrix	370.19 U	1.44 U	No applicable matrix	
Xylene, m & p-	µg/m3	69.8	2.14 U	No applicable matrix	58.09	2.56 J*	No applicable matrix	74.57	12.44	No applicable matrix	45.96	10.4	No applicable matrix	550.59 U	10.27	No applicable matrix	
Xylene, o-	µg/m3	27.05	1.32 U	No applicable matrix	19.55	1.32 U	No applicable matrix	24.97	3.25	No applicable matrix	14.31	4.25	No applicable matrix	341.19 U	3.73	No applicable matrix	

See last page for notes.

Table 16a
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Note: This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed.

Area of Concern		AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas						OU1 - Northwest Corner					
Sample Location		AM-SVIA15			AM-SVIA16			AMSF-05-SS	AMSF-05-IA		AMSF-05-SS	AMSF-05-IA	
Sample Date		4-Apr-13	4-Apr-13		4-Apr-13	4-Apr-13		6-Dec-13	6-Dec-13		6-Dec-13	6-Dec-13	
Sample ID		AM-SVIA15-SSV	AM-SVIA15-IA		AM-SVIA16-SSV	AM-SVIA16-IA		AMSF-05-SS-120613	AMSF-05-IA-120613		AMSF-05-SSD-120613	AMSF-05-IA-120613	
Sample Description		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air	
Sampling Company		STANTEC	STANTEC	NYSDOH	STANTEC	STANTEC	NYSDOH	O'Brien & Gere	O'Brien & Gere	NYSDOH	O'Brien & Gere	O'Brien & Gere	NYSDOH
Laboratory		SPECTRUM	SPECTRUM	SVI Guidance	SPECTRUM	SPECTRUM	SVI Guidance	TALBU	TALBU	SVI Guidance	TALBU	TALBU	SVI Guidance
Laboratory Work Order		M0501	M0500	Recommended	M0501	M0500	Recommended	200-20018-1	200-20018-1	Recommended	200-20018-1	200-20018-1	Recommended
Laboratory Sample ID		M0501-06	M0500-17	Aciton[1]	M0501-02	M0500-05	Aciton[1]	200200186~UG	200200185~UG	Aciton[1]	200200187~UG	200200185~UG	Aciton[1]
Sample Type	Units										Field Duplicate		
Volatile Organic Compounds													
Principal Chlorinated Ethenes and Chlorinated Ethanes													
Tetrachloroethene (PCE)	µg/m3	4082.27	7.05	Mitigate	5825.04	10.10 J	Mitigate	2800	4.4	Mitigate	2100	4.4	Mitigate
Trichloroethene (TCE)	µg/m3	106.41	0.28 U SA	Monitor / Mitigate	19.13 U	0.28 UJ SA	Monitor	160	0.21 U	Monitor / Mitigate	120	0.21 U	Monitor / Mitigate
Dichloroethene, cis-1,2-	µg/m3	6.46 U	0.65 U	No further action	12.93 U	0.65 UJ	No further action	85 U	0.79 U	No further action	81 U	0.79 U	No further action
Vinyl chloride	µg/m3	10.07 U	0.16 U SA	No further action	20.14 U	0.16 UJ SA	No further action	55 U	0.10 U	Monitor	52 U	0.10 U	Monitor
Dichloroethene, trans-1,2-	µg/m3	8.45 U	0.84 U	No applicable matrix	16.89 U	0.84 UJ	No applicable matrix	85 U	0.79 U	No applicable matrix	81 U	0.79 U	No applicable matrix
Trichloroethane (TCA), 1,1,1-	µg/m3	1434.94	1.86 J*	Mitigate	277.17	1.80 J	Monitor	22000	4.7	Mitigate	17000	4.7	Mitigate
Dichloroethene, 1,1-	µg/m3	70.22	1.48 U	No further action	29.60 U	1.48 UJ	No further action	860	0.79 U	Monitor	650	0.79 U	Monitor
Dichloroethane (DCA), 1,1-	µg/m3	14.98 J*	0.81 U	No applicable matrix	16.20 U	0.81 UJ	No applicable matrix	340	0.81 U	No applicable matrix	260	0.81 U	No applicable matrix
Chloroethane (Ethyl Chloride)	µg/m3	11.82 U	1.18 U	No applicable matrix	23.64 U	1.18 UJ	No applicable matrix	140 U	1.3 U	No applicable matrix	130 U	1.3 U	No applicable matrix
Other VOCs													
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	13.08 U	0.38 J* SA	Monitor	26.17 U	0.38 J SA	Monitor	130 U	0.51	Monitor / Mitigate	130 U	0.51	Monitor / Mitigate
Chloroform (Trichloromethane)	µg/m3	33.58	1.38 U	No applicable matrix	27.64 U	1.38 UJ	No applicable matrix	100 U	0.98 U	No applicable matrix	100 U	0.98 U	No applicable matrix
Methylene Chloride (Dichloromethane)	µg/m3	15.38 U	4.24	No applicable matrix	30.77 U	4.31 J	No applicable matrix	190 U	1.7 U	No applicable matrix	180 U	1.7 U	No applicable matrix
Chloromethane	µg/m3	7.75 U	1.38	No applicable matrix	15.49 U	1.43 J	No applicable matrix	110 U	8.4	No applicable matrix	110 U	8.4	No applicable matrix
Acetone	µg/m3	129.03	138.06	No applicable matrix	112.16	136.87 J	No applicable matrix	1300 U	740 J	No applicable matrix	1200 U	740 J	No applicable matrix
Acrylonitrile	µg/m3	8.30 U	0.83 U	No applicable matrix	16.60 U	0.83 UJ	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Benzene	µg/m3	22.33	3.06	No applicable matrix	10.27 U	3.60 J	No applicable matrix	68 U	2.5	No applicable matrix	65 U	2.5	No applicable matrix
Carbon Disulfide	µg/m3	52.6	1.16 U	No applicable matrix	32.99	1.16 UJ	No applicable matrix	170 U	1.6 U	No applicable matrix	160 U	1.6 U	No applicable matrix
Cyclohexane	µg/m3	29.95	0.60 U	No applicable matrix	12.05 U	0.83 J	No applicable matrix	74 U	3.4	No applicable matrix	70 U	3.4	No applicable matrix
Dichlorodifluoromethane (Freon 12)	µg/m3	16.32 U	3.36	No applicable matrix	32.64 U	3.56 J	No applicable matrix	260 U	2.7	No applicable matrix	250 U	2.7	No applicable matrix
Ethanol	µg/m3	28.28	68.44	No applicable matrix	15.23 U	89.75 J	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Ethyl Acetate	µg/m3	18.02	16.65	No applicable matrix	19.82 U	7.57 J	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Ethylbenzene	µg/m3	12.14 J*	4.42	No applicable matrix	16.91 U	4.55 J	No applicable matrix	15000 J	1.7	No applicable matrix	9200 J	1.7	No applicable matrix
Ethyltoluene, 4-	µg/m3	11.65 U	1.17 U	No applicable matrix	23.30 U	1.17 UJ	No applicable matrix	110 U	0.98 U	No applicable matrix	100 U	0.98 U	No applicable matrix
Hexane (n-Hexane)	µg/m3	71.57	5.18	No applicable matrix	30.32 J*	5.39 J	No applicable matrix	75 U	5.6	No applicable matrix	72 U	5.6	No applicable matrix
Isopropyl Alcohol (2-Propanol)	µg/m3	7.85 J*	3.53	No applicable matrix	11.19 U	4.37 J	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Isopropylbenzene	µg/m3	12.44 U	1.24 U	No applicable matrix	24.88 U	1.24 UJ	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Isopropyltoluene, p- (Cymene)	µg/m3	12.82 U	1.28 U	No applicable matrix	25.65 U	1.28 UJ	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Methyl Ethyl Ketone (MEK)	µg/m3	47.48	7.55	No applicable matrix	21.11 U	7.96 J	No applicable matrix	160 U	45	No applicable matrix	150 U	45	No applicable matrix
Methyl Isobutyl Ketone (MIBK)	µg/m3	10.25 U	1.02 U	No applicable matrix	20.49 U	1.02 UJ	No applicable matrix	220 U	2.9	No applicable matrix	210 U	2.9	No applicable matrix
Naphthalene	µg/m3	9.06 U	0.91 UJ	No applicable matrix	18.11 U	1.41 J	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
n-Heptane	µg/m3	75.41	2.83	No applicable matrix	26.23 J*	3.36 J	No applicable matrix	88 U	11	No applicable matrix	84 U	11	No applicable matrix
Propene	µg/m3	3.67 U	0.37 U	No applicable matrix	7.33 U	0.37 UJ	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Styrene	µg/m3	10.51 U	1.05 U	No applicable matrix	21.01 U	1.05 UJ	No applicable matrix	91 U	1.1	No applicable matrix	630	1.1	No applicable matrix
Tetrachloroethane, 1,1,2,2-	µg/m3	18.75 U	1.87 U	No applicable matrix	37.49 U	1.87 UJ	No applicable matrix	150 U	1.4 U	No applicable matrix	140 U	1.4 U	No applicable matrix
Tetrahydrofuran	µg/m3	6.49 U	0.65 U	No applicable matrix	12.98 U	0.71 J	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Toluene	µg/m3	58.32	12.94	No applicable matrix	33.87 J*	14.19 J	No applicable matrix	81 U	34	No applicable matrix	77 U	34	No applicable matrix
Trichloroethane, 1,1,2-	µg/m3	14.29 U	1.43 U	No applicable matrix	28.59 U	1.43 UJ	No applicable matrix	120 U	1.1 U	No applicable matrix	110 U	1.1 U	No applicable matrix
Trichlorofluoromethane (Freon 11)	µg/m3	25.12 U	7.64	No applicable matrix	50.24 U	8.04 J	No applicable matrix	120 U	17	No applicable matrix	110 U	17	No applicable matrix
Trimethylbenzene, 1,2,4-	µg/m3	8.21 U	0.82 U	No applicable matrix	16.42 U	1.43 J	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Trimethylbenzene, 1,3,5-	µg/m3	14.36 U	1.44 U	No applicable matrix	28.71 U	1.44 UJ	No applicable matrix	110 U	0.98 U	No applicable matrix	100 U	0.98 U	No applicable matrix
Xylene, m & p-	µg/m3	47.69	18.9	No applicable matrix	46.82 J*	18.25 J	No applicable matrix	55000 J	6.3	No applicable matrix	37000 J	6.3	No applicable matrix
Xylene, o-	µg/m3	15.61 J*	6.76	No applicable matrix	26.45 U	7.11 J	No applicable matrix	24000 J	2.1	No applicable matrix	16000	2.1	No applicable matrix

See last page for notes.

Table 16a
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Note: This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including those compounds not detected in any samples.

Area of Concern		OU1 - Northwest Corner											
Sample Location		AMSF-06-SS	AMSF-06-IA		AMSF-07-SS	AMSF-07-IA		AMSF-22-SS	AMSF-22-IA		AMSF-24-SS	AMSF-24-IA	
Sample Date		6-Dec-13	6-Dec-13		6-Dec-13	6-Dec-13		6-Dec-13	6-Dec-13		6-Dec-13	6-Dec-13	
Sample ID		AMSF-06-SS-120613	AMSF-06-IA-120613		AMSF-07-SS-120613	AMSF-07-IA-120613		AMSF-22-SS-120613	AMSF-22-IA-120613		AMSF-24-SS-120613	AMSF-24-IA-120613	
Sample Description		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air		Sub-Slab Soil Vapor	Indoor Air	
Sampling Company		O'Brien & Gere	O'Brien & Gere	NYSDOH SVI Guidance Recommended Aciton[1]	O'Brien & Gere	O'Brien & Gere	NYSDOH SVI Guidance Recommended Aciton[1]	O'Brien & Gere	O'Brien & Gere	NYSDOH SVI Guidance Recommended Aciton[1]	O'Brien & Gere	O'Brien & Gere	NYSDOH SVI Guidance Recommended Aciton[1]
Laboratory		TALBU	TALBU		TALBU	TALBU		TALBU	TALBU		TALBU	TALBU	
Laboratory Work Order		200-20018-1	200-20018-1		200-20018-1	200-20018-1		200-20018-1	200-20018-1		200-20018-1	200-20018-1	
Laboratory Sample ID		200200189~UG	200200188~UG		200200182~UG	200200181~UG		200200184~UG	200200183~UG		2002001811~UG	2002001810~UG	
Sample Type	Units												
Volatile Organic Compounds													
Principal Chlorinated Ethenes and Chlorinated Ethanes													
Tetrachloroethene (PCE)	µg/m3	790	9.8	Monitor / Mitigate	160	5.9	Monitor / Mitigate	8100	11	Mitigate	300	3.7	Monitor / Mitigate
Trichloroethene (TCE)	µg/m3	22 U	0.39	Monitor	1.1 U	0.27	Take R & P actions	640	0.4	Mitigate	11 U	0.21 U	No further action
Dichloroethene, cis-1,2-	µg/m3	16 U	0.79 U	No further action	0.79 U	0.79 U	No further action	190	0.79 U	Monitor	7.9 U	0.79 U	No further action
Vinyl chloride	µg/m3	10 U	0.10 U	No further action	0.51 U	0.10 U	No further action	23 U	0.10 U	No further action	5.1 U	0.10 U	No further action
Dichloroethene, trans-1,2-	µg/m3	16 U	0.79 U	No applicable matrix	0.79 U	0.79 U	No applicable matrix	36 U	0.79 U	No applicable matrix	7.9 U	0.79 U	No applicable matrix
Trichloroethane (TCA), 1,1,1-	µg/m3	3800	9.1	Mitigate	190	5.4	Monitor / Mitigate	910	10	Monitor / Mitigate	1800	3.2	Mitigate
Dichloroethene, 1,1-	µg/m3	16 U	0.85	No further action	59	0.79 U	No further action	5100	0.85	Mitigate	7.9 U	0.79 U	No further action
Dichloroethane (DCA), 1,1-	µg/m3	17 U	0.81 U	No applicable matrix	56	0.81 U	No applicable matrix	840	0.81 U	No applicable matrix	8.1 U	0.81 U	No applicable matrix
Chloroethane (Ethyl Chloride)	µg/m3	27 U	1.3 U	No applicable matrix	1.3 U	1.3 U	No applicable matrix	60 U	1.3 U	No applicable matrix	13 U	1.3 U	No applicable matrix
Other VOCs													
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	26 U	0.51 NJ	Monitor	1.3 U	0.42	Take R & P actions	57 U	0.41 NJ	Monitor / Mitigate	13 U	0.49 NJ	Monitor
Chloroform (Trichloromethane)	µg/m3	20 U	0.98 U	No applicable matrix	1.5	0.98 U	No applicable matrix	44 U	0.98 U	No applicable matrix	9.8 U	0.98 U	No applicable matrix
Methylene Chloride (Dichloromethane)	µg/m3	35 U	2.3	No applicable matrix	1.7 U	1.7 U	No applicable matrix	79 U	2.3	No applicable matrix	17 U	2.6	No applicable matrix
Chloromethane	µg/m3	21 U	1.4	No applicable matrix	1.0	1.2	No applicable matrix	47 U	1.3	No applicable matrix	10 U	1.1	No applicable matrix
Acetone	µg/m3	240 U	1300 J	No applicable matrix	600 J	720 J	No applicable matrix	540 U	1400 J	No applicable matrix	120 U	550 J	No applicable matrix
Acrylonitrile	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Benzene	µg/m3	13 U	4.8	No applicable matrix	2.4	2.6	No applicable matrix	29 U	5.6	No applicable matrix	14	1.8	No applicable matrix
Carbon Disulfide	µg/m3	75	1.6 U	No applicable matrix	2.5	1.6 U	No applicable matrix	70 U	1.6 U	No applicable matrix	16 U	1.6 U	No applicable matrix
Cyclohexane	µg/m3	14 U	8.4	No applicable matrix	0.69 U	2.6	No applicable matrix	31 U	10	No applicable matrix	210	2.4	No applicable matrix
Dichlorodifluoromethane (Freon 12)	µg/m3	50 U	3.4	No applicable matrix	2.7	2.5 U	No applicable matrix	110 U	3.5	No applicable matrix	25 U	2.5 U	No applicable matrix
Ethanol	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Ethyl Acetate	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Ethylbenzene	µg/m3	6300 J	2.7	No applicable matrix	430 J	1.7	No applicable matrix	54	2.9	No applicable matrix	27	1.2	No applicable matrix
Ethyltoluene, 4-	µg/m3	20 U	0.98	No applicable matrix	1.1	0.98 U	No applicable matrix	44 U	1.1	No applicable matrix	9.8 U	0.98 U	No applicable matrix
Hexane (n-Hexane)	µg/m3	14 U	16	No applicable matrix	3.7	4.3	No applicable matrix	32 U	17	No applicable matrix	120	4.1	No applicable matrix
Isopropyl Alcohol (2-Propanol)	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Isopropylbenzene	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Isopropyltoluene, p- (Cymene)	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Methyl Ethyl Ketone (MEK)	µg/m3	30 U	89	No applicable matrix	33	43	No applicable matrix	67 U	91	No applicable matrix	15 U	31	No applicable matrix
Methyl Isobutyl Ketone (MIBK)	µg/m3	42 U	3.0 NJ	No applicable matrix	2.0 U	2.0 U	No applicable matrix	93 U	3.5 NJ	No applicable matrix	20 U	2.0 U	No applicable matrix
Naphthalene	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
n-Heptane	µg/m3	17 U	16	No applicable matrix	9.2	11	No applicable matrix	37 U	17	No applicable matrix	150	7.7	No applicable matrix
Propene	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Styrene	µg/m3	17 U	0.85	No applicable matrix	0.85 U	0.85 U	No applicable matrix	39 U	0.92	No applicable matrix	8.5 U	0.85 U	No applicable matrix
Tetrachloroethane, 1,1,2,2-	µg/m3	28 U	1.4 U	No applicable matrix	1.4 U	1.4 U	No applicable matrix	62 U	1.4 U	No applicable matrix	14 U	1.4 U	No applicable matrix
Tetrahydrofuran	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Toluene	µg/m3	23	42	No applicable matrix	19	21	No applicable matrix	34 U	48	No applicable matrix	38 NJ	29	No applicable matrix
Trichloroethane, 1,1,2-	µg/m3	22 U	1.1 U	No applicable matrix	1.1 U	1.1 U	No applicable matrix	550	1.1 U	No applicable matrix	11 U	1.1 U	No applicable matrix
Trichlorofluoromethane (Freon 11)	µg/m3	110	20	No applicable matrix	10	9.9	No applicable matrix	51 U	20	No applicable matrix	46	12	No applicable matrix
Trimethylbenzene, 1,2,4-	µg/m3	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix	-	-	No applicable matrix
Trimethylbenzene, 1,3,5-	µg/m3	20 U	1.1	No applicable matrix	0.98 U	0.98 U	No applicable matrix	44 U	1.3	No applicable matrix	23	0.98 U	No applicable matrix
Xylene, m & p-	µg/m3	18000 J	11	No applicable matrix	1100 J	7.0	No applicable matrix	170	12	No applicable matrix	130	4.6	No applicable matrix
Xylene, o-	µg/m3	6500 J	3.8	No applicable matrix	710 J	2.5	No applicable matrix	130	4.0	No applicable matrix	35	1.5	No applicable matrix

See last page for notes.

Table 16a
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Notes:

This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including those compounds not detected in any samples.

15.2	Concentration was detected.
0.03 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
-	Parameter not analyzed / not available.
*	Recovery or RPD exceeds control limits
D*	Data reported from a dilution
J	The reported result is an estimated value.
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
SA	Sample analyzed by SIM analysis.
U	Indicates that the analyte was analyzed but not detected.
UJ	Indicates estimated non-detect.
[1]	Soil Vapor/Indoor Air Matrices 1 and 2, Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health Center for Environmental Health Bureau of Environmental

Take R & P actions — Take reasonable and practical actions to identify source(s) and reduce exposures.

Table 16b
Summary of Ambient Outdoor Air Sample Analysis Results - Detected Compounds
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Area of Concern	Units	NYSDOH Comparison Criterion for Typical Background Concentrations	AOC 9	OU1
Sample Location			AM-SVIAAMB	AMSF-AA
Sample Date			4-Apr-13	6-Dec-13
Sample ID			AM-SVIAAMB-OA	AMSF-AA-120613
Sampling Company			STANTEC	O'Brien & Gere
Laboratory			SPECTRUM	TALBU
Laboratory Work Order			M0500	200-20018-1
Laboratory Sample ID			M0500-12	2002001812~UG
Sample Type				
Volatile Organic Compounds				
Acetone	µg/m3	n/v	41.35	12 U
Benzene	µg/m3	6.97[A]	0.51 U	0.34
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	2.25[A]	0.38 J* SA	0.44
Chloromethane	µg/m3	1.08[A]	**1.55A**	**1.2A**
Dichlorodifluoromethane (Freon 12)	µg/m3	0.77[A]	**2.52A**	**2.3A**
Dichloroethene, cis-1,2-	µg/m3	1.97[A]	1.15 J*	0.16 U
Ethanol	µg/m3	n/v	10.95	-
Ethyl Acetate	µg/m3	n/v	2.92	-
Hexane (n-Hexane)	µg/m3	n/v	8.43	0.28 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/m3	n/v	0.63 U	2.0 U
Isopropyl Alcohol (2-Propanol)	µg/m3	n/v	2.48	-
Isopropylbenzene	µg/m3	4.58[A]	1.62 J*	-
Isopropyltoluene, p- (Cymene)	µg/m3	4.58[A]	1.28 U	-
Methyl Ethyl Ketone (MEK)	µg/m3	n/v	79.62	1.5 U
Methylene Chloride (Dichloromethane)	µg/m3	2.91[A]	2.74	1.4 U*
Tetrachloroethene (PCE)	µg/m3	2.59[A]	1.76 J*	0.27 U
Tetrahydrofuran	µg/m3	n/v	56.62	-
Toluene	µg/m3	8.47[A]	0.83 J*	0.42
Trichlorofluoromethane (Freon 11)	µg/m3	1.07[A]	***2.51 U***	**1.3A**
Trimethylbenzene, 1,2,4-	µg/m3	2.24[A]	0.93 J*	-

Notes:

This table presents results for only those compounds detected in one or more of the samples listed. Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including those compounds not detected in either sample.

NYSDOH	Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance (October 2006)
[A]	Table C3. NYSDOH 1997: Control home database - Outdoor (Mean)
15.2	Compound was detected at the concentration shown.
6.5[A]	Concentration detected exceeds the background comparison criterion.
0.03 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
0.50 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
*	Recovery or RPD exceeds control limits
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
SA	Sample analyzed by SIM analysis.
U	Indicates that the analyte was analyzed but not detected.

Table 16c
Summary of Indoor Air Sample Analysis Results - Compounds with Indoor Air Guidelines
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Area of Concern			AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)											
Sample Location			AM-SVIA1	AM-SVIA10	AM-SVIA11	AM-SVIA12	AM-SVIA13	AM-SVIA14	AM-SVIA15	AM-SVIA16	AM-SVIA2	AM-SVIA3	AM-SVIA4	
Sample Date			4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13
Sample ID			AM-SVIA1-IA	AM-SVIA10-IA	AM-SVIA11-IA	AM-SVIA12-IA	AM-SVIA13-IA	AM-SVIA14-IA	AM-SVIA15-IA	AM-SVIA16-IA	AM-SVIA2-IA	AM-SVIA3-IA	AM-SVIA4-IA	AM-SVIADUP-IA
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		NYSDOH Air Guideline Values	M0500	M0500	M0500	M0500	M0500	M0500	M0500	M0500	M0500	M0500	M0500	M0500
Laboratory Sample ID			M0500-18	M0500-14	M0500-13	M0500-04	M0500-03	M0500-11	M0500-17	M0500-05	M0500-16	M0500-10	M0500-07	M0500-09
Sample Type	Units													
Volatile Organic Compounds														
Methylene Chloride (Dichloromethane)	µg/m3	60[A]	0.22 U SA	**4.62**	1.54 U	**1.60 J***	**2.95**	1.54 U	**4.24**	**4.31 J**	1.54 U	**0.35 SA**	**7.19**	**4.86**
Tetrachloroethene (PCE)	µg/m3	30[A]	0.41 U SA	1.36 U	1.36 U	**1.97 J***	1.36 U	1.36 U	**7.05**	**10.10 J**	1.36 U	0.41 U SA	**12.07**	**3.12 J***
Trichloroethene (TCE)	µg/m3	2[A]	0.28 U SA	0.28 U SA	0.28 U SA	0.28 U SA	0.28 U SA	0.28 U SA	0.28 U SA	0.28 UJ SA	0.28 U SA	0.28 U SA	0.96 U	**2.58 SA**

Notes:

This table presents results for only those compounds which were detected in one or more of the samples listed and for which there is an applicable NYSDOH Indoor Air Guideline.

Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including other detected compounds and compounds not detected in any of the samples.

NYSDOH	New York State Department of Health
[A]	Current NYSDOH Air Guideline Value
15.2	Concentration was detected but did not exceed applicable standards.
2.26	Concentration detected equals or exceeds the applicable guideline value.
0.03 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
J	The reported result is an estimated value.
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
SA	Sample analyzed by SIM analysis.

Table 16c
Summary of Indoor Air Sample Analysis Results - Compounds with Indoor Air Guidelines
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)

Area of Concern			AOC 9 - SVI Assessment in OU2 (portion of building south and east of OU1)					OU1 - Northwest Corner				
Sample Location			AM-SVIA5	AM-SVIA6	AM-SVIA7	AM-SVIA8	AM-SVIA9	AMSF-05-IA	AMSF-06-IA	AMSF-07-IA	AMSF-22-IA	AMSF-24-IA
Sample Date			4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13
Sample ID			AM-SVIA5-IA	AM-SVIA6-IA	AM-SVIA7-IA	AM-SVIA8-IA	AM-SVIA9-IA	AMSF-05-IA-120613	AMSF-06-IA-120613	AMSF-07-IA-120613	AMSF-22-IA-120613	AMSF-24-IA-120613
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	TALBU	TALBU	TALBU	TALBU	TALBU
Laboratory Work Order		NYSDOH Air Guideline Values	M0500	M0500	M0500	M0500	M0500	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1
Laboratory Sample ID			M0500-01	M0500-02	M0500-08	M0500-06	M0500-15	200200185~UG	200200188~UG	200200181~UG	200200183~UG	2002001810~UG
Sample Type	Units											
Volatile Organic Compounds												
Methylene Chloride (Dichloromethane)	µg/m3	60[A]	**9.79**	**11.53**	**4.76**	**3.72**	**2.67 SA**	1.7 U	**2.3**	1.7 U	**2.3**	**2.6**
Tetrachloroethene (PCE)	µg/m3	30[A]	**15.05**	**18.17**	**2.58 J***	**4.88**	**5.36 SA**	**4.4**	**9.8**	**5.9**	**11**	**3.7**
Trichloroethene (TCE)	µg/m3	2[A]	**1.02 SA**	**2.26 SA**	0.28 U SA	0.28 U SA	0.28 U SA	0.21 U	**0.39**	**0.27**	**0.40**	0.21 U

Notes:

This table presents results for only those compounds which were detected in one or more of the samples listed and for which there is an applicable NYSDOH Indoor Air Guideline.

Refer to Table C1 for a complete summary of analysis results for all compounds analyzed, including other detected compounds and compounds not detected in any of the samples.

NYSDOH	New York State Department of Health
[A]	Current NYSDOH Air Guideline Value
15.2	Concentration was detected but did not exceed applicable standards.
2.26	Concentration detected equals or exceeds the applicable guideline value.
0.03 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
J	The reported result is an estimated value.
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
SA	Sample analyzed by SIM analysis.

Table 17A
Summary of Analytical Results for IDW Wastewater Samples
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location (refer to Notes for additional information)		Frac Tank	Frac Tank #2	Wastewater Drums Composite	AMSF-MW-34	WW-RW-2	WW-RW-3	RW-3 Wastewater Container	Purge Water
Sample Date		21-Jun-13	24-Apr-14	13-May-14	28-May-15	14-Aug-15	14-Aug-15	20-Aug-15	27-Oct-15
Sample ID		AMSF - Frac Tank	AMSF-WW-2	Wastewater-051314	AMSF-MW34-WW	WW-RW-2	WW-RW-3	AMSF-RW3-WWTANK	AMSF-Purge Water-20151027
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		132295	141573	141945	152119	153429	153429	153506	154536
Laboratory Sample ID	**Units**	132295-01	141573-01	141945-01	152119-01	153429-01	153429-02	153506-01	154536-01
General Chemistry									
pH	S.U.	7.83 @18.1C	7.42 @21.5C	-	-	-	-	-	-
Petroleum Hydrocarbons									
Total Petroleum Hydrocarbon (Silica Gel / HEM)	mg/L	5 U	1.0 U	5.8 U	5.0 U	5.3 U	13	-	4.00 U
SGT-HEM	mg/L	-	-	-	5.0 U	5.3 U	7.2	-	-
Medium Weight PHC as Diesel (by Method 310.13)	mg/L	-	-	-	-	-	-	1030	-
Metals									
Arsenic	mg/L	0.0100 U	0.0100 U	0.0100 U	0.00870 D	0.00329 J	0.00544	-	0.00500 U
Cadmium	mg/L	0.00500 U	0.00500 U	0.00500 U	0.00250 U	0.00250 U	0.00250 U	-	0.00250 U
Chromium	mg/L	0.0100 U	0.0100 U	0.0109	0.00500 U	0.00500 U	0.00305 J	-	0.00500 U
Copper	mg/L	0.0250 U	0.0250 U	0.0250 U	0.0125 U	0.00667 J	0.0134	-	0.0125 U
Lead	mg/L	0.0100 U	0.0100 U	0.0100 U	0.00500 U	0.00500 U	0.00500 U	-	0.00500 U
Nickel	mg/L	0.0400 U	0.0400 U	0.0400 U	0.0200 U	0.0200 U	0.0200 U	-	0.0200 U
Silver	mg/L	0.0100 U	0.0100 U	0.0100 U	0.00500 U	0.00395 J	0.0271	-	0.00500 U
Zinc	mg/L	0.0600 U	0.0921	0.0885	0.101	0.0315	0.0673	-	0.0243 J
Polychlorinated Biphenyls									
Aroclor 1016	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Aroclor 1221	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Aroclor 1232	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Aroclor 1242	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Aroclor 1248	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Aroclor 1254	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Aroclor 1260	µg/L	0.100 U	1.00 U	1.00 U	1.09 U	1.00 U	1.00 U	-	1.00 U
Semi - Volatile Organic Compounds									
Acenaphthene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Acenaphthylene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Anthracene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Benzidine	µg/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	20.0 U
Benzo(a)anthracene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Benzo(a)pyrene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Benzo(b)fluoranthene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Benzo(g,h,i)perylene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Benzo(k)fluoranthene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Bis(2-Chloroethoxy)methane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Bis(2-Chloroethyl)ether	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Bis(2-Chloroisopropyl)ether	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	7.80 J	10.0 U	-	10.0 U
Bromophenyl Phenyl Ether, 4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Butyl Benzyl Phthalate	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Chloro-3-methyl phenol, 4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Chloronaphthalene, 2-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Chlorophenyl Phenyl Ether, 4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Chrysene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dibenzo(a,h)anthracene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dibutyl Phthalate (DBP)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dichlorobenzene, 1,2-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dichlorobenzene, 1,3-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dichlorobenzene, 1,4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dichlorobenzidine, 3,3'-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dichlorophenol, 2,4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Diethyl Phthalate	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dimethyl Phthalate	µg/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	20.0 U
Dimethylphenol, 2,4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dinitro-o-cresol, 4,6-	µg/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	20.0 U
Dinitrophenol, 2,4-	µg/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	20.0 U
Dinitrotoluene, 2,4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Dinitrotoluene, 2,6-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Di-n-Octyl phthalate	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Fluoranthene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Fluorene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Hexachlorobenzene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Hexachlorocyclopentadiene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Hexachloroethane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Indeno(1,2,3-cd)pyrene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Isophorone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Naphthalene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Nitrobenzene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Nitrophenol, 2-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Nitrophenol, 4-	µg/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	20.0 U
N-Nitrosodimethylamine (NDMA)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
N-Nitrosodi-n-Propylamine	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
n-Nitrosodiphenylamine	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Pentachlorophenol	µg/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	20.0 U
Phenanthrene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	9.83 J	-	10.0 U
Phenol	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Pyrene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Trichlorobenzene, 1,2,4-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U
Trichlorophenol, 2,4,6-	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U

See notes on last page.

Table 17A
Summary of Analytical Results for IDW Wastewater Samples
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location (refer to Notes for additional information)		**Frac Tank**	**Frac Tank #2**	**Wastewater Drums Composite**	**AMSF-MW-34**	**WW-RW-2**	**WW-RW-3**	**RW-3 Wastewater Container**	**Purge Water**
Sample Date		**21-Jun-13**	**24-Apr-14**	**13-May-14**	**28-May-15**	**14-Aug-15**	**14-Aug-15**	**20-Aug-15**	**27-Oct-15**
Sample ID		**AMSF - Frac Tank**	**AMSF-WW-2**	**Wastewater-051314**	**AMSF-MW34-WW**	**WW-RW-2**	**WW-RW-3**	**AMSF-RW3-WWTANK**	**AMSF-Purge Water-20151027**
Sampling Company		**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**	**STANTEC**
Laboratory		**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**	**PARAROCH**
Laboratory Work Order		**132295**	**141573**	**141945**	**152119**	**153429**	**153429**	**153506**	**154536**
Laboratory Sample ID	**Units**	**132295-01**	**141573-01**	**141945-01**	**152119-01**	**153429-01**	**153429-02**	**153506-01**	**154536-01**
Volatile Organic Compounds									
Benzene	µg/L	0.700 U	7.00 U	0.700 U	0.700 U	2.00 U	1.00 U	-	1.00 U
Bromodichloromethane	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Bromoform (Tribromomethane)	µg/L	5.00 U	50.0 U	5.00 U	5.00 U	10.0 U	5.00 U	-	5.00 U
Bromomethane (Methyl bromide)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	10.0 U	100 U	10.0 U	10.0 U	20.0 U	10.0 U	-	10.0 U
Chloroform (Trichloromethane)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Chloromethane	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dibromochloromethane	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichlorobenzene, 1,2-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichlorobenzene, 1,3-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichlorobenzene, 1,4-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichloroethane, 1,1-	µg/L	11.0	178	7.51	19.4	16.1	5.47	-	24.9
Dichloroethane, 1,2-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichloroethene, 1,1-	µg/L	2.09	19.7 J	2.00 U	3.80	4.34	2.00 U	-	2.00 U
Dichloroethene, trans-1,2-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichloropropane, 1,2-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichloropropene, cis-1,3-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Dichloropropene, trans-1,3-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Ethylbenzene	µg/L	6.10	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5.00 U	50.0 U	5.00 U	5.00 U	10.0 U	5.00 U	-	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Tetrachloroethene (PCE)	µg/L	9.77	20.0 U	2.71	19.4	4.00 U	2.00 U	-	1.63 J
Toluene	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	124	114	-	2.00 U
Trichloroethane, 1,1,1-	µg/L	131	1110	53.0	87.8	268	20.0	-	14.2
Trichloroethane, 1,1,2-	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Trichloroethene (TCE)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	2.21 J	2.00 U	-	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Vinyl chloride	µg/L	2.00 U	20.0 U	2.00 U	2.00 U	4.00 U	2.00 U	-	2.00 U
Pesticides									
Aldrin	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.0890 JP	0.477 JP	-	0.100 U
BHC, alpha-	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.927	5.59	-	0.100 U
BHC, beta-	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	2.51 P	14.0	-	0.100 U
BHC, delta-	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.0715 JP	0.360 JP	-	0.100 U
Camphechlor (Toxaphene)	µg/L	1.00 U	1.00 U	1.00 U	1.09 U	1.00 U	5.00 U	-	1.00 U
Chlordane, alpha-	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Chlordane, trans- (gamma-Chlordane)	µg/L	0.100 U	0.0530 J	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
DDD (p,p'-DDD)	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
DDE (p,p'-DDE)	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
DDT (p,p'-DDT)	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Dieldrin	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Endosulfan I	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Endosulfan II	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Endosulfan Sulfate	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Endrin	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Endrin Aldehyde	µg/L	0.100 U	0.137	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Endrin Ketone	µg/L	0.100 U	0.100 U	0.100 U	-	-	-	-	0.100 U
Heptachlor	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.254	2.67 P	-	-
Heptachlor Epoxide	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	0.500 U	-	0.100 U
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.100 U	1.18 P	-	0.100 U
Methoxychlor (4,4'-Methoxychlor)	µg/L	0.100 U	0.100 U	0.100 U	0.109 U	0.0664 JP	0.500 U	-	0.100 U

Notes:

15.2	Concentration was detected.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
-	Parameter not analyzed / not available.
D	Result was obtained from the analysis of a dilution
J	The reported result is an estimated value.
JP	Detection limits raised due to dilution as a result of sample matrix inteference.
P	RPD outside QC limits.
Frac Tank	The 'AMSF - Frac Tank' sample represented well development water from OU-2 monitoring wells
Frac Tank #2	The 'AMSF-WW-2' sample consisted of well development water from OU-1 monitoring wells
Wastewater Drums Composite	The 'Wastewater-051314' sample was a composite of drums containing decontamination rinses and groundwater monitoring event purge water.
AMSF-MW-34	The 'AMSF-MW34-WW' sample consisted of well development water from monitoring well AMSF-MW-34
WW-RW-2	WW-RW-2 was a sample of water generated by the cleanout of recharge well RW-2
WW-RW-3	WW-RW-3 was a sample of water generated by the cleanout of recharge well RW-3
RW-3 Wastewater Container	The 'AMSF-RW3-WWTANK' sample was a sample of the oily film present on top of the water contained in the wastewater tote for water generated by the cleanout of recharge well RW-3
Purge Water	AMSF-Purge Water-20151027 was a composite sample from drums containing decontamination rinses and groundwater monitoring event purge water.

Table 17B
Summary of Analytical Results for IDW Waste Solids Samples
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Total Sample Analyses			
Sample Location (see additional information in Notes)		**Drum A**	**SED-RW-3**
Sample Date		**27-May-15**	**14-Aug-15**
Sample ID		**AMSF-Drum A-Soil**	**SED-RW-3**
Sampling Company		**STANTEC**	**STANTEC**
Laboratory		**PARAROCH**	**PARAROCH**
Laboratory Work Order		**152137**	**153429**
Laboratory Sample ID	**Units**	**152137-01**	**153429-03**
General Chemistry			
Flashpoint	deg C	-	70 U
Metals			
Arsenic	mg/kg	4.57	-
Barium	mg/kg	55.4	-
Cadmium	mg/kg	0.280 U	-
Chromium	mg/kg	12.0	-
Lead	mg/kg	1.98	-
Mercury	mg/kg	0.00788 J	-
Selenium	mg/kg	1.31	-
Silver	mg/kg	0.559 U	-
Zinc	mg/kg	25.3	-
Polychlorinated Biphenyls			
Aroclor 1016	mg/kg	-	0.0475 U
Aroclor 1221	mg/kg	-	0.0475 U
Aroclor 1232	mg/kg	-	0.0475 U
Aroclor 1242	mg/kg	-	0.0475 U
Aroclor 1248	mg/kg	-	0.0475 U
Aroclor 1254	mg/kg	-	0.0475 U
Aroclor 1260	mg/kg	-	0.0975
Aroclor 1262	mg/kg	-	0.0475 U
Aroclor 1268	mg/kg	-	0.0475 U
Semi - Volatile Organic Compounds			
Acenaphthene	µg/kg	323 U	-
Acenaphthylene	µg/kg	323 U	-
Acetophenone	µg/kg	323 U	-
Anthracene	µg/kg	323 U	-
Atrazine	µg/kg	323 U	-
Benzaldehyde	µg/kg	323 U	-
Benzo(a)anthracene	µg/kg	323 U	-
Benzo(a)pyrene	µg/kg	323 U	-
Benzo(b)fluoranthene	µg/kg	323 U	-
Benzo(g,h,i)perylene	µg/kg	323 U	-
Benzo(k)fluoranthene	µg/kg	323 U	-
Biphenyl, 1,1'- (Biphenyl)	µg/kg	323 U	-
Bis(2-Chloroethoxy)methane	µg/kg	323 U	-
Bis(2-Chloroethyl)ether	µg/kg	323 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	323 U	-
Bromophenyl Phenyl Ether, 4-	µg/kg	323 U	-
Butyl Benzyl Phthalate	µg/kg	323 U	-
Caprolactam	µg/kg	323 U	-
Carbazole	µg/kg	323 U	-
Chloro-3-methyl phenol, 4-	µg/kg	323 U	-
Chloroaniline, 4-	µg/kg	323 U	-
Chloronaphthalene, 2-	µg/kg	323 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	323 U	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	323 U	-
Chrysene	µg/kg	323 U	-
Cresol, o- (Methylphenol, 2-)	µg/kg	323 U	-
Dibenzo(a,h)anthracene	µg/kg	323 U	-
Dibenzofuran	µg/kg	323 U	-
Dibutyl Phthalate (DBP)	µg/kg	323 U	-
Dichlorobenzene, 1,2-	µg/kg	323 U	-
Dichlorobenzene, 1,3-	µg/kg	323 U	-
Dichlorobenzene, 1,4-	µg/kg	323 U	-
Dichlorobenzidine, 3,3'-	µg/kg	323 U	-
Dichlorophenol, 2,4-	µg/kg	323 U	-
Diethyl Phthalate	µg/kg	323 U	-
Dimethyl Phthalate	µg/kg	645 U	-
Dimethylphenol, 2,4-	µg/kg	323 U	-
Dinitro-o-cresol, 4,6-	µg/kg	645 U	-
Dinitrophenol, 2,4-	µg/kg	645 U	-
Dinitrotoluene, 2,4-	µg/kg	323 U	-
Dinitrotoluene, 2,6-	µg/kg	323 U	-
Di-n-Octyl phthalate	µg/kg	323 U	-
Fluoranthene	µg/kg	323 U	-
Fluorene	µg/kg	323 U	-
Hexachlorobenzene	µg/kg	323 U	-
Hexachlorobutadiene	µg/kg	323 U	-
Hexachlorocyclopentadiene	µg/kg	323 U	-
Hexachloroethane	µg/kg	323 U	-
Indeno(1,2,3-cd)pyrene	µg/kg	323 U	-
Isophorone	µg/kg	323 U	-
Methylnaphthalene, 2-	µg/kg	323 U	-
Naphthalene	µg/kg	323 U	-
Nitroaniline, 2-	µg/kg	645 U	-
Nitroaniline, 3-	µg/kg	645 U	-
Nitroaniline, 4-	µg/kg	645 U	-
Nitrobenzene	µg/kg	323 U	-
Nitrophenol, 2-	µg/kg	323 U	-
Nitrophenol, 4-	µg/kg	645 U	-
N-Nitrosodi-n-Propylamine	µg/kg	323 U	-
n-Nitrosodiphenylamine	µg/kg	323 U	-
Pentachlorophenol	µg/kg	645 U	-
Phenanthrene	µg/kg	323 U	-
Phenol	µg/kg	323 U	-
Pyrene	µg/kg	323 U	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	323 U	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	323 U	-
Trichlorobenzene, 1,2,4-	µg/kg	323 U	-
Trichlorophenol, 2,4,5-	µg/kg	645 U	-
Trichlorophenol, 2,4,6-	µg/kg	323 U	-
Bis(2-Chloroisopropyl)ether	µg/kg	323 U	-
Cresol, m- (Methylphenol, 3-)	µg/kg	323 U	-

See notes on last page.

TCLP Extract Analyses		
Sample Location		**SED-RW-3**
Sample Date		**14-Aug-15**
Sample ID		**SED-RW-3**
Sampling Company		**STANTEC**
Laboratory		**PARAROCH**
Laboratory Work Order		**153429**
Laboratory Sample ID	**Units**	**153429-03A**
RCRA Metals		
Arsenic	mg/L	0.100 U
Barium	mg/L	0.683
Cadmium	mg/L	0.0250 U
Chromium	mg/L	0.0500 U
Lead	mg/L	0.100 U
Mercury	mg/L	0.00200 U
Selenium	mg/L	0.100 U
Silver	mg/L	0.0500 U
RCRA Volatile Organic Compounds		
Benzene	µg/L	10.0 U
Carbon Tetrachloride	µg/L	20.0 U
Chlorobenzene	µg/L	20.0 U
Chloroform	µg/L	20.0 U
Dichloroethane, 1,2-	µg/L	20.0 U
Dichloroethene, 1,1-	µg/L	20.0 U
Methyl Ethyl Ketone (MEK)	µg/L	100 U
Tetrachloroethene (PCE)	µg/L	20.0 U
Trichloroethene (TCE)	µg/L	20.0 U
Vinyl chloride	µg/L	20.0 U

Notes:

15.2	Concentration was detected.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
-	Parameter not analyzed / not available.
J	The reported result is an estimated value.
Drum A	The AMSF-Drum A-Soil sample was collected from the drum of soil acuttings generated by the installation of monitoring well MW-34.
Sed-RW-3	The Sed-RW-3 sample was collected from the drum of solids removed from recharge well RW-3.

Table 17B
Summary of Analytical Results for IDW Waste Solids Samples
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Total Sample Analyses			
Sample Location (see additional information in Notes)		**Drum A**	**SED-RW-3**
Sample Date		**27-May-15**	**14-Aug-15**
Sample ID		**AMSF-Drum A-Soil**	**SED-RW-3**
Sampling Company		**STANTEC**	**STANTEC**
Laboratory		**PARAROCH**	**PARAROCH**
Laboratory Work Order		**152137**	**153429**
Laboratory Sample ID	**Units**	**152137-01**	**153429-03**
Volatile Organic Compounds			
Acetone	µg/kg	16.4 U	27.4 U
Benzene	µg/kg	3.28 U	5.48 U
Bromodichloromethane	µg/kg	3.28 U	5.48 U
Bromoform (Tribromomethane)	µg/kg	8.21 U	13.7 U
Bromomethane (Methyl bromide)	µg/kg	3.28 U	5.48 U
Carbon Disulfide	µg/kg	3.28 U	5.48 U
Carbon Tetrachloride	µg/kg	3.28 U	5.48 U
Chlorobenzene (Monochlorobenzene)	µg/kg	3.28 U	5.48 U
Chlorobromomethane	µg/kg	8.21 U	13.7 U
Chloroethane (Ethyl Chloride)	µg/kg	3.28 U	4.47 J
Chloroform (Trichloromethane)	µg/kg	3.28 U	5.48 U
Chloromethane	µg/kg	3.28 U	5.48 U
Cyclohexane	µg/kg	16.4 U	27.4 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	16.4 U	27.4 U
Dibromochloromethane	µg/kg	3.28 U	5.48 U
Dichlorobenzene, 1,2-	µg/kg	3.28 U	5.48 U
Dichlorobenzene, 1,3-	µg/kg	3.28 U	5.48 U
Dichlorobenzene, 1,4-	µg/kg	3.28 U	5.48 U
Dichlorodifluoromethane (Freon 12)	µg/kg	3.28 U	5.48 U
Dichloroethane, 1,1-	µg/kg	3.28 U	20.9
Dichloroethane, 1,2-	µg/kg	3.28 U	5.48 U
Dichloroethene, 1,1-	µg/kg	3.28 U	5.48 U
Dichloroethene, cis-1,2-	µg/kg	3.28 U	5.48 U
Dichloroethene, trans-1,2-	µg/kg	3.28 U	5.48 U
Dichloropropane, 1,2-	µg/kg	3.28 U	5.48 U
Dichloropropene, cis-1,3-	µg/kg	3.28 U	5.48 U
Dichloropropene, trans-1,3-	µg/kg	3.28 U	5.48 U
Dioxane, 1,4-	µg/kg	32.8 U	54.8 U
Ethylbenzene	µg/kg	3.28 U	4.85 J
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	3.28 U	5.48 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	8.21 U	13.7 U
Isopropylbenzene	µg/kg	3.28 U	5.48 U
Methyl Acetate	µg/kg	3.28 U	5.48 U
Methyl Ethyl Ketone (MEK)	µg/kg	16.4 U	27.4 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	8.21 U	13.7 U
Methyl tert-butyl ether (MTBE)	µg/kg	3.28 U	5.48 U
Methylcyclohexane	µg/kg	3.28 U	10.8
Methylene Chloride (Dichloromethane)	µg/kg	6.12 J	13.7 U
Styrene	µg/kg	8.21 U	13.7 U
Tetrachloroethane, 1,1,2,2-	µg/kg	3.28 U	5.48 U
Tetrachloroethene (PCE)	µg/kg	3.28 U	2.87 J
Toluene	µg/kg	3.28 U	164
Trichlorobenzene, 1,2,3-	µg/kg	8.21 U	13.7 U
Trichlorobenzene, 1,2,4-	µg/kg	8.21 U	13.7 U
Trichloroethane, 1,1,1-	µg/kg	3.28 U	86.1
Trichloroethane, 1,1,2-	µg/kg	3.28 U	5.48 U
Trichloroethene (TCE)	µg/kg	3.28 U	5.48 U
Trichlorofluoromethane (Freon 11)	µg/kg	3.28 U	5.48 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	3.28 U	5.48 U
Vinyl chloride	µg/kg	3.28 U	5.48 U
Xylene, m & p-	µg/kg	3.28 U	15.7
Xylene, o-	µg/kg	3.28 U	6.96

TCLP Extract Analyses		
Sample Location		**SED-RW-3**
Sample Date		**14-Aug-15**
Sample ID		**SED-RW-3**
Sampling Company		**STANTEC**
Laboratory		**PARAROCH**
Laboratory Work Order		**153429**
Laboratory Sample ID	**Units**	**153429-03A**

Notes:

15.2	Concentration was detected.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
-	Parameter not analyzed / not available.
J	The reported result is an estimated value.

Table 18
Comparison of Previous and Recent Groundwater Monitoring Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

	Northwest Corner (Operable Unit 1)																															
	Shallow Wells																															
Monitoring Well	AMSF-MW-1S							AMSF-MW-7							AMSF-MW-11S			AMSF-MW-12S			AMSF-MW-13S							AMSF-MW-32			AMSF-MW-33			
	Previous samples		Recent samples					Previous samples		Recent samples					Previous samples		Recent	Previous samples		Recent	Previous samples	Recent samples						Recent			Recent samples			
Time Period or Sample Date	Max from 1991 - 2005	Max from 2010	June 2013	June 2013	Sept 2013	June 2015	August 2015	Max from 1992 - 2005	Max from 2010	June 2013	Sept 2013	May 2014	June 2015	August 2015	Max from 2005	Max from 2010	June 2013	Max from 2005	Max from 2010	June 2013	Max from 2005 (excluding discrete interval samples)	Max from 2010	June 2013	May 2014	June 2015	August 2015	May 2014	June 2015	August 2015	May 2014	May 2014	June 2015	August 2015
Sampling by (for recent samples):	---	---	O&G	STAN	STAN	STAN	STAN	---	---	O&G	STAN	STAN	STAN	STAN	---	---	O&G	---	---	O&G		---	O&G	STAN	STAN	STAN	STAN	STAN	STAN	STAN	STAN	STAN
Selected VOCs (Concentrations in ug/L)																														Field dupl.		
Trichloroethane, 1,1,1-	3,400	35	120	140	4,900	370	49	110,000	30,000	830	5,900	10		11	6,160	930	220	4,380	2,000	280	25,000	3,400	1,900	2,300	1300	790	690	640	340	2,700	2,800	1,900	3,600
Dichloroethane, 1,1-	260	22	23	19	320	95	34	2,700	600	31	32	8.4	6.5	17	168	92	46	118	84	41	400	280	140	220	190	170	160	110	100	370	380	190	380
Dichloroethene, 1,1-	59	1.9	9.0	13	63		4.6	1,100	56	23	65				33	6.6	15	36	12	12	56	33	18	22	200	21	27	170	42	54	54	360	34
Chloroethane (Ethyl Chloride)	0.4	1.3	0.5							8.3		1.5		9.0	0.6	2.8	1.5			1.0		5.8		6.9		13	4.3			3.1			
Tetrachloroethene (PCE)	2.0														11		2.7	15				8.3			5.8	1.0	7.4	11	9.5				
Trichloroethene (TCE)	20	1.2	0.4	0.8		2.9		500	120						27	8.5	3.8	20	8.8	2.4	130	26	15	22	20	15	8.0	11	9.4	15	16	8	13
Dichloroethene, 1,2- (total)			0.4	0.7		0.8								1.4	2.7	0.8	2.1	3.2	1.7	1.1		6.8		3.0	9.2	4.1	2.8	7.2	5.6	2.5	2.5		
Vinyl chloride		1.7	0.9	2.2		4.9	1.3					1.0		2.1	1.0	3.4	1.3	0.1		0.8		2.7		2.9		5.3	1.5			2.0	2.2		

	Northwest Corner (Operable Unit 1)									Selected Nearby Off-site Wells										Southwest Quadrant (Shallow Bedrock Wells)										
	Intermediate Wells							Deep Well		Shallow Bedrock Wells					Intermediate		Deep well			Outside West Wall of Building							Southwest corner of Bldg.			
Monitoring Well	AMSF-MW-15I		AMSF-MW-16I					AMSF-MW-1D		ITT-SBW-2			ITT-SBW-7		ITT-IBW-20		ITT-DBW-2			AMSF-MW-9S							AMSF-MW-4			
	Previous	Recent	Previous	Recent samples				Previous	Recent	Previous		Recent	Previous		Recent	Previous	Recent	Previous		Recent	Previous samples		Recent samples						Previous samples		Recent samples	
Time Period or Sample Date	Max from 2010	June 2013	Max from 2010	June 2013	May 2014	June 2015	August 2015	Max from 1992 - 2005	June 2013	Max from 1998 - 2005	Max from 2010	June 2013	Max from 1999 - 2005	Max from 2010	June 2013	Max from 2010	June 2013	Max from 1999 - 2005	Max from 2010	June 2013	Max from 1992 - 2005	Max from 2010	June 2013	June 2013	Sept 2013	May 2014	June 2015	August 2015	Nov 1991 sample	Max from 1992 - 2005	June 2013	Sept 2013
Sampling by (for recent samples):	---	O&G	---	O&G	STAN	STAN	STAN	---	O&G	---	---	O&G	---	---	O&G	---	O&G	---	---	O&G	---	---	O&G	STAN	STAN	STAN	STAN	STAN	---	---	STAN	STAN
Selected VOCs (Concentrations in ug/L)																																
Trichloroethane, 1,1,1-	1,100	1,900	1,200	4,300	1,600	1600	910	233		7,400	1.3	760	37,000	2,000		700	2,200	9			1,100	800	540	520	930	410	270	160	700	41	1.2	10
Dichloroethane, 1,1-	73	150	95	280	120	180	170	34	3.3	360	5.7	18	3,100	130	1.4	43	110	15	6	0.5	91	59	110	120	130	130	71	38	55	23	12	9.4
Dichloroethene, 1,1-	4.6	14	6.1	25	8.2	300	9.1			430	0.7	31	260	8.7	1.3	3.7	13				86	88	71	80	53	60	66	19	15.0	0.4	0.9	0.6
Chloroethane (Ethyl Chloride)			0.7							0.8	1.0	0.6	28	8.7		0.6								4.9		4.5						
Tetrachloroethene (PCE)										12											138	52	99	77	66	73	32	19	9.0	9.0		1.5
Trichloroethene (TCE)	7.3	8.8	5	13	5.7	6.2	5.3			13		1.1	23	22		3.2	6.2				26	37	52	57	60	56	21	11		1.8	0.7	0.7
Dichloroethene, 1,2- (total)			0.7	2.8	1.5	1.6	1.2				0.5	0.6	2.0	1.4		0.5					49	52	65	80	79	83	35	20		1.4	3.5	1.3
Vinyl chloride											2.3	1.4		2.1								1.3		1.2		1.1						

Notes:
Columns labelled "Max" list the maximum concentration of each compound detected in all of the samples collected from that well during the time interval indicated.
Laboratory qualifiers were removed from the results shown here.
O&G = O'Brien & Gere Engineers
STAN = Stantec
Refer to Table 13 for additional information on other compounds detected but not shown here.
Refer to Figure 9A for map showing the location of the shallow wells listed above, and refer to Figure 9F for a map showing the location of the intermediate and deep wells.

Table 18
Comparison of Previous and Recent Groundwater Monitoring Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

	Southern Boundary Shallow Wells												
Monitoring Well	**AMSF-MW-8S**	**AMSF-MW-10**					**AMSF-MW-3S**					**AMSF-MW-28**	
	Previous sample	Previous samples		Recent samples			Previous		Recent samples			Recent samples	
Time Period or Sample Date	1992 sample	1992 sample	Max from 2000 - 2005	June 2013	June 2013	Sept 2013	Max from 1991 - 2005	Max from 2010	June 2013	June 2013	Sept 2013	June 2013	Sept 2013
Sampling by (for recent samples):	- - -	- - -	- - -	O&G	STAN	STAN	- - -	- - -	O&G	STAN	STAN	STAN	STAN
Selected VOCs (Concentrations in ug/L)													
Trichloroethane, 1,1,1-	23	4	6	3.3	2.1	2.7	27	5	3	3.7	2.8		
Dichloroethane, 1,1-	2.5		3	1.1	0.7	0.9	6	0.9	0.6		0.7		
Dichloroethene, 1,1-	1.9												
Chloroethane (Ethyl Chloride)													
Tetrachloroethene (PCE)	1.7	52	417	26	50	25	630	97	99	70	45	6	6
Trichloroethene (TCE)	1.5	1.9	4.8	0.5	1.4	0.6	6	2.4	1.5	1.8	1.5		
Dichloroethene, 1,2- (total)							5	2.2	0.7	0.8	4.2		
Vinyl chloride								0.7			0.8		

	Southern Boundary Deep Wells				
Monitoring Well	**AMSF-MW-8D**		**AMSF-MW-3D**		
	Previous	Recent	Previous samples		Recent
Time Period or Sample Date	Max from 1992 - 2005	June 2013	Max from 1992 - 2005	Max from 2010	June 2013
Sampling by (for recent samples):	- - -	O&G	- - -	- - -	O&G
Selected VOCs (Concentrations in ug/L)					
Trichloroethane, 1,1,1-	6.5		2,460	4.6	
Dichloroethane, 1,1-	25	0.8	188	4.8	2.3
Dichloroethene, 1,1-	1.6		35		
Chloroethane (Ethyl Chloride)					0.3
Tetrachloroethene (PCE)			11	5.1	0.3
Trichloroethene (TCE)			14	2.4	
Dichloroethene, 1,2- (total)				3.3	1.1
Vinyl chloride				0.7	0.5

Notes:
Columns labelled "Max" list the maximum concentration of each compound detected in all of the samples collected from that well during the time interval indicated.
Laboratory qualifiers were removed from the results shown here.
O&G = O'Brien & Gere Engineers
STAN = Stantec
Refer to Table 13 for additional information on other compounds detected but not shown here.
Refer to Figure 9A for map showing the location of the shallow wells listed above, and refer to Figure 9F for a map showing the location of the intermediate and deep wells.

Table 19
Summary of Top of Bedrock Elevation Data
Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #C828101)
12 Pixley Industrial Parkway, Gates, New York

Location	Horizontal Coordinates (NAD83 NY West State Plane feet)		Approx. Ground Surface Elevation (ft AMSL, NAVD88)	Top of bedrock		Approximate depth (ft) of bedrock surface below facility floor grade
	Northing	Easting		Depth (ft below ground surface)	Elevation (ft AMSL)	
AMSF-MW-1S	1146147.85	1380610.16	563.80	7.0	556.8	9.3
AMSF-MW-1D	1146149.28	1380621.40	564.20	4.0	560.2	5.9
AMSF-MW-2	1146166.36	1381086.19	573.10	19.0	554.1	12.0
AMSF-MW-3S	1145734.65	1380936.98	561.3	10.0	551.3	14.8
AMSF-MW-3D	1145735.79	1380951.30	561.40	5.0	556.4	9.7
AMSF-MW-4	1145785.58	1380687.84	564.1	10.0	554.1	12.0
AMSF-MW-5S	1146162.42	1380944.21	567.10	7.0	560.1	6.0
AMSF-MW-5D	1146161.91	1380953.61	568.00	7.0	561.0	5.1
AMSF-MW-6	1146154.42	1380761.37	564.90	6.0	558.9	7.2
AMSF-MW-7	1146093.60	1380586.43	563.40	8.0	555.4	10.7
AMSF-MW-8S	1145714.81	1380601.29	560.50	5.0	555.5	10.6
AMSF-MW-8D	1145707.48	1380601.50	560.20	8.0	552.2	13.9
AMSF-MW-9S	1145894.76	1380676.27	565.4	11.0	554.4	11.7
AMSF-MW-9D	1145883.86	1380677.17	564.60	7.5	557.1	9.0
AMSF-MW-10	1145712.85	1380819.99	561.5	8.0	553.5	12.6
AMSF-MW-11S	1146107.53	1380679.44	563.7	7.3	556.4	9.7
AMSF-MW-12S	1146099.91	1380648.50	564.2	7.1	557.1	9.0
AMSF-MW-13S	1146055.89	1380644.32	564.6	8.1	556.5	9.6
AMSF-MW-14D	1146108.60	1380613.55	563.4	7.0	556.4	9.7
AMSF-MW-15I	1146049.53	1380601.06	563.12	7.0	556.1	10.0
AMSF-MW-16I	1146045.64	1380643.34	564.58	8.0	556.6	9.5
AMSF-MW-17MP	1146113.96	1380600.88	563.4	8.0	555.4	10.7
AMSF-MW-18MP	1146131.69	1380605.77	563.7	9.5	554.2	11.9
AMSF-MW-19MP	1145718.87	1381039.59	563.3	6.0	557.3	8.8
AMSF-MW-20	1145978.89	1380961.03	566.1	10.3	555.8	10.3
AMSF-MW-21	1146014.93	1381000.06	566.1	8.0	558.1	8.0
AMSF-MW-22	1145932.08	1380949.93	566.1	8.8	557.3	8.8
AMSF-MW-23	1145998.36	1380871.99	566.1	9.9	556.2	9.9
AMSF-MW-25	1145892.18	1380904.01	566.1	10.5	555.6	10.5
AMSF-MW-26	1145858.33	1380780.44	566.1	9.0	557.1	9.0
AMSF-MW-27	1145839.80	1380822.06	566.1	10.8	555.3	10.8
AMSF-MW-28	1145744.35	1381100.99	563.7	4.9	558.8	7.3
AMSF-MW-29	1145961.21	1381103.30	567.8	12.8	555.0	11.1
AMSF-MW-30	1146150.43	1381092.60	572.9	14.0	558.9	7.2
AMSF-MW-31	1145915.32	1380736.18	566.1	13.0	553.1	13.0
AMSF-MW-32	1146061.00	1380743.00	566.10	7.9	558.2	7.9
AMSF-MW-33	1145981.05	1380646.33	564.70	8.3	556.4	9.7
AMSF-MW-34	1145911.85	1381167.09	567.0	20.5	546.5	19.6
AOC11-TB-1	1145705.61	1380747.23	561.4	8.8	552.6	13.5
AOC11-TB-2	1145764.47	1381083.93	563.7	5.3	558.4	7.7
AOC11-TB-3	1145966.41	1381105.54	567	14.0	553.0	13.1
SPW-TB-2	1145804.53	1380821.95	566.1	11.0	555.1	11.0
DG-TB-1	1145972.75	1380961.27	566.1	10.3	555.8	10.3
DG-TB-2	1145974.32	1380977.44	566.1	9.7	556.4	9.7
DG-TB-3B	1145960.30	1380952.11	566.1	10.2	555.9	10.2
DG-TB-4B	1145981.43	1380949.65	566.1	10.4	555.7	10.4
DG-TB-5A	1145961.92	1380914.36	566.1	10.5	555.6	10.5
SW-TB-1	1145999.85	1380949.76	566.1	10.0	556.1	10.0
SW-TB-2	1146002.28	1380877.42	566.1	11.6	554.5	11.6
SW-TB-3	1146008.86	1380823.34	566.1	11.8	554.3	11.8
SW-TB-4	1145863.61	1380632.65	563.6	6.9	556.7	9.4
SEW-TB-1	1146078.87	1380971.50	566.1	7.5	558.6	7.5
5A-TB-1	1145774.21	1380838.95	566.1	7.6	558.5	7.6
5B-TB-1	1145933.73	1380698.11	566.1	7.5	558.7	7.5
5B-TB-2	1145869.88	1380700.86	566.1	11.8	554.3	11.8
PS-TB-1	1145859.10	1380752.08	566.1	11.8	554.3	11.8
PS-TB-2	1145809.27	1380728.11	566.1	8.7	557.4	8.7
7-TB-1	1145885.81	1380785.45	566.1	12.0	554.1	12.0
7-TB-2	1145868.92	1380760.93	566.1	11.7	554.4	11.7
Other-TB-1	1145916.26	1380732.83	566.1	13.3	552.8	13.3

Table 20
Summary of Laboratory Analysis Results - Former Spot-Welder Wastewater Sump Residue
Remedial Investigation, Former AMSF Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		Former Spot Welder Wastewater Sump (Other Area 2)
Sample Location		Former Spot Welder Sump
Sample Date		27-Jun-12
Sample ID		AM-Sump1-RES
Sampling Company		STANTEC
Laboratory		PARADIGM
Laboratory Work Order		12:2722
Laboratory Sample ID		12:2722-01
Sample Type	Units	Sludge
Metals		
Aluminum	mg/kg	16100
Antimony	mg/kg	9.19
Arsenic	mg/kg	4.71
Barium	mg/kg	139
Beryllium	mg/kg	0.766
Cadmium	mg/kg	2.96
Calcium	mg/kg	10900
Chromium (Total)	mg/kg	758
Cobalt	mg/kg	15.8
Copper	mg/kg	759
Iron	mg/kg	68500
Lead	mg/kg	172
Magnesium	mg/kg	3020
Manganese	mg/kg	620
Mercury	mg/kg	0.126
Nickel	mg/kg	209
Potassium	mg/kg	1780
Selenium	mg/kg	0.926
Silver	mg/kg	2.44
Sodium	mg/kg	2900
Thallium	mg/kg	2.54 U
Vanadium	mg/kg	70.5
Zinc	mg/kg	537

Notes:

mg/kg = milligrams per kilogram

u = element not detected above the quantitation limit indicated